PROFESSIONAL

DesignMax DM3SE

surface-mounted loudspeaker

Product Overview

DesignMax loudspeakers bring outstanding audio and aesthetics to any commercial space. The 25-watt DesignMax DM3SE loudspeaker features a two-way 3.25-inch woofer and ¾-inch tweeter coaxially mounted within the Dispersion Alignment system, producing a frequency range of 75 Hz - 20 kHz. And with both black and white versions available, DesignMax loudspeakers integrate seamlessly with any décor.



Key Features

Deliver instantly impressive sound with custom Bose drivers — no DSP or EQ required. For even better sound, use select Bose DSPs and amplifiers to enable Bose loudspeaker EQ and SmartBass processing, which expands performance and response at any listening level

Ensure a consistent listening experience throughout the room with the Dispersion Alignment system, which matches the coverage of the woofer to the pattern of the tweeter

Blend into 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 — includes Euroblock connectors that make installation and troubleshooting easier **Install DM3SE outside** — IP55 rating with standard aluminum grille for outdoor use

Technical Specifications

85 - 20,000 Hz	
75 - 20,000 Hz	
140° × 140°	
135° × 135°	
Bose extended-lifecycle test (5)	AES component test (6)
25 W	30 W
100 W	120 W
84 dB	84 dB
98 dB	99 dB
104 dB	105 dB
1.7 kHz (passive 2-way crossover)	
Not Required, Bose EQ voicing and SmartBass Processing available	
80 Hz with recommended 24 dB / octave filter	
70V: 3, 6, 12, 25 W, bypass 100V: 6, 12, 25 W, bypass	
1 × 83 mm woofer (3.25 in), weather-treated	
1 × 20 mm (0.75 in) neodymium dome tweeter, coaxially mounted, weather-treated	
Dispersion Alignment System, 127 mm (5 in) system diameter	
8 ohms (transformer bypass)	
	75 - 20,000 Hz 140° × 140° 135° × 135° Bose extended-lifecycle test (5) 25 W 100 W 84 dB 98 dB 104 dB 1.7 kHz (passive 2-way crossover) Not Required, Bose EQ voicing and SmartBass Pr 80 Hz with recommended 24 dB / octave filter 70V: 3, 6, 12, 25 W, bypass 100V: 6, 12, 25 W, bypass 1 × 83 mm woofer (3.25 in), weather-treated 1 × 20 mm (0.75 in) neodymium dome tweeter, coal

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PHYSICAL		
Enclosure Material	Engineered plastics, highly UV fade resistant	
Bracket Material	Powder-coated steel	
Grille	Perforated aluminum with a powder coat finish, tamper-resistant design, paintable	
Logo	Rotatable, removable	
Color	Black: RAL 9005, White: Bose Arctic White, similar to RAL 9003, Paintable	
Environmental / Ingress-Protection	Outdoor per IEC 529 IP55 (suitable for use outdoors in wet locations), includes aluminum grille to prevent red corrosion and weather resistant input cover	
Safety Agency	UL-1480A, S5591/ UL Listed, NFPA70, in accordance with IEC60268-5, ROHS, CE compliant	
Operating Temperature Range	-25 °C to 70 °C (-13 °F to 158 °F)	
Connectors	Euroblock 6-pin connector with loop-through, mounted on rear. Accepts 18 AWG (0.8 mm²) to 14 AWG (2.5 mm²) size wire	
Suspension / Mounting	QuickHold Mounting System with included U-Bracket	
	4 preset mounting angles: 0°, 15°, 30°, 45° for wall or ceiling placement	
	Two (2) rear M6 screw inserts for use with optional pan & tilt bracket and one (1) rear M6 screw insert for safety-tether attachment	
Dimensions (H × W × D)	232 × 154 × 155 mm (9.1 × 6.1 × 6.1 in)	
Dimensions with Bracket (H × W × D)	232 × 154 × 171 mm (9.1 × 6.1 × 6.7 in)	
Net Weight, Loudspeaker with grille (single)	2.5 kg (5.6 lb)	
Shipping Weight (pair)	7.2 kg (16.0 lbs)	
Included Accessories	U-Bracket, powder-coated steel	
Optional Accessories	Pan & Tilt Bracket	
PRODUCT CODE		
829712-0110	DESIGNMAX DM3SE PAIR BLK	
829712-0210	DESIGNMAX DM3SE PAIR WHT	

(1) Frequency response and range measured on-axis in half-space environment with Bose EQ voicing (2) 1 kHz to 4 kHz average

(3) Sensitivity measured on-axis in half-space environment with Bose EQ voicing

(4) Maximum SPL calculated from sensitivity and power handling specifications, exclusive of power compression.
(5) Bose extended-lifecycle test using pink noise filtered to meet IEC268-5, 6-dB crest factor, 500-hour duration.
(6) AES standard 2-hour duration with IEC system noise

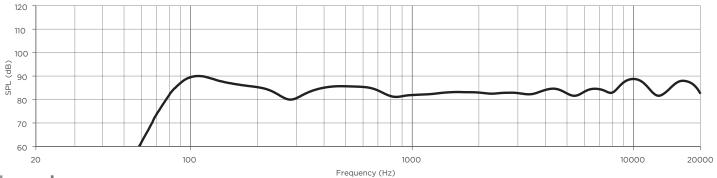
For additional specifications and application information, please visit PRO.BOSE.COM. Specifications subject to change without notice. 04/2020

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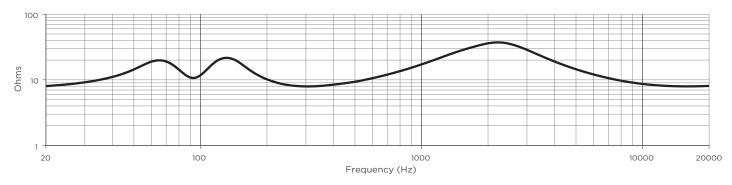
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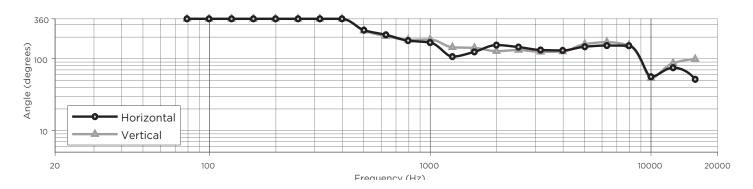
On-Axis Frequency Response (half-space (2π) with Bose EQ voicing)



Impedance



Beamwidth



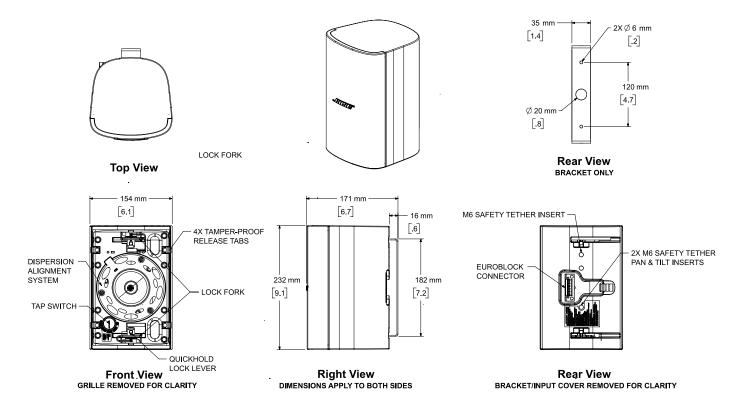
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Dimensions



NOTES:

- 1. DIMENSIONS ARE IN MILLIMETERS OVER INCHES
- 2. WEIGHT 2.5kg [5.6lbs] (SPEAKER ONLY) WEIGHT W/BRACKET 2.8kg [6.1lbs]

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