

# DesignMax DM10P-SUB

## pendant subwoofer

### Product Overview

Delivering rich low-end performance, the DesignMax subwoofers bring instantly impressive bass to any commercial sound installation. The 300-watt DM10P-SUB is a 10-inch pendant subwoofer with a 40 Hz - 125 Hz frequency range and features a recessed single-point suspension system for a sleek, attractive appearance. All models are available in black or white.



### Key Features

**Complete any commercial sound installation** with 16 DesignMax loudspeakers to mix and match, including in-ceiling, surface-mount, and pendant form factors, subwoofers, high-SPL compression-driver models, compact low-profile models, and outdoor-rated options

**Choose from three DesignMax subwoofer models** — the 180-watt in-ceiling DM8C-SUB, the 300-watt surface-mounted DM10S-SUB, and the sleek 300-watt DM10P-SUB pendant subwoofer

**Deliver rich bass performance** with custom Bose drivers; for optimal performance, use select Bose DSPs and amplifiers to enable Bose 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

**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

**Provide an open, attractive aesthetic** with pendant loudspeakers featuring a recessed single-point suspension system that keeps hardware out of sight and can be used to hold and hide a service loop for easy access

### Technical Specifications

SINGLE-LOUDSPEAKER PERFORMANCE		
Frequency Response (-3 dB) <sup>1</sup>	46 - 108 Hz	
Frequency Range (-10 dB) <sup>1</sup>	40 - 125 Hz	
Nominal Coverage Angle	Omnidirectional below 200 Hz	
	AES transducer test <sup>4</sup>	Bose extended-lifecycle test <sup>5</sup>
Power Handling, long-term continuous	300 W	250 W
Power Handling, peak	1200 W	1000 W
Sensitivity (SPL / 1 W @ 1 m) <sup>2</sup>	85 dB	85 dB
Calculated Maximum SPL @ 1 m <sup>3</sup>	110 dB	109 dB
Calculated Maximum SPL @ 1 m, peak	116 dB	115 dB
Recommended Crossover	80 - 200 Hz (requires active crossover in DSP)	
Loudspeaker EQ	Not required, Bose EQ voicing, and SmartBass processing available	
Recommended High-pass Protection	45 Hz with recommended 24 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 [PRO.BOSE.COM](http://PRO.BOSE.COM). Specifications subject to change without notice. December 2020.

## TECHNICAL DATA

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TRANSDUCERS	
Low Frequency	1 × 10-inch woofer (254 mm)
Nominal Impedance	8 Ω (transformer bypass)
PHYSICAL	
Enclosure Material	Engineered plastics
Grille	Perforated steel, powder-coated finish
Logo	Rotatable, removable
Color	Black: Bose Black, similar to RAL 9005, paintable
	White: Bose Arctic White, similar to RAL 9003, paintable
Paintable	Choose a paint that is specifically designed for use with polypropylene (PP) plastics.
Environmental	Indoor only
Safety Agency	UL-1480A, S5591/UL Listed, NFPA70 & NFPA90-A, CE compliant, UL 2239 for suspension cable
Operating Temperature Range	0 °C to 50 °C (52 °F to 122 °F)
Connectors	Euroblock 6-pin connector with loop-through, mounted on top. Accepts 18 AWG (0.8 mm <sup>2</sup> ) to 14 AWG (2.5 mm <sup>2</sup> ) size wire.
Suspension / Mounting	Each DM10P-SUB has one (1) suspension attachment point and one (1) safety cable attachment point. Included is one (1) 4.5 meter (15 foot) Gripple adjustable suspension cable.
Product Dimensions (Enclosure Diameter × Depth)	400 × 383 mm (15.7 × 15.1 in)
Cable Dimensions	Length: 4.57 m (15.00 ft)
	Diameter: 3.2 mm (0.125 in)
Net Weight	8.9 kg (19.7 lb)
Shipping Weight	12.65 kg (27.89 lb)
Included Accessories	Each DM10P-SUB includes one (1) Gripple adjustable suspension cable system, four (4) cable ties
Optional Accessories	Threaded Rod Adapter, Conduit Adapter
PRODUCT CODES	
835265-0110	DESIGNMAX DM10P-SUB SINGLE BLACK
835265-0210	DESIGNMAX DM10P-SUB SINGLE WHITE
850571-0010	DESIGNMAX PENDANT THREADED ROD ADAPTER, PAIR
854381-0010	DESIGNMAX PENDANT CONDUIT ADAPTER, PAIR

### Footnotes

1. Frequency response and range measured on-axis in whole-space environment with recommended EQ
2. Sensitivity measured on-axis in whole-space environment averaged 100 Hz - 10 kHz using recommended high-pass protection
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 extended-lifecycle test using pink noise filtered to meet IEC268-5, 6-dB crest factor, 500-hour duration
6. Frequency response shown using 45 Hz HPF 24 dB/octave and 100 Hz LPF 24 dB/octave

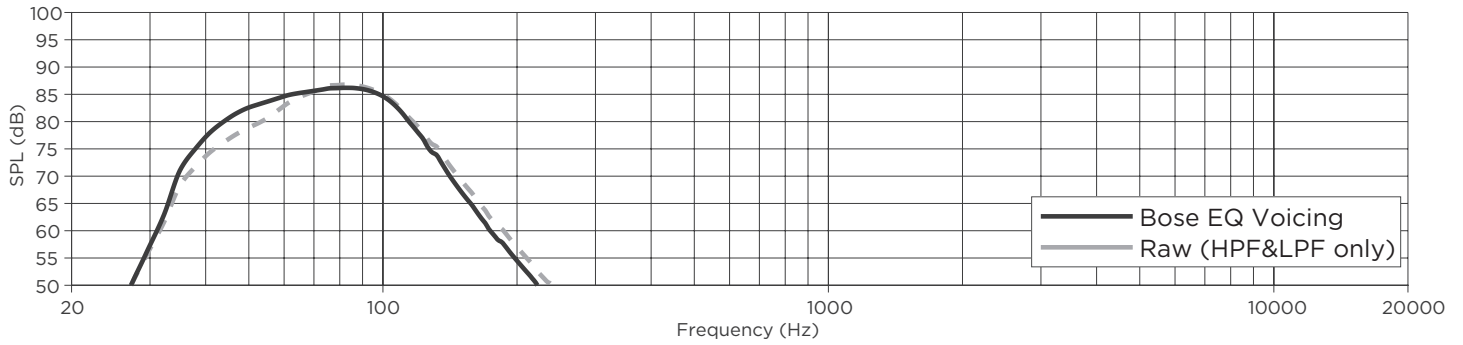
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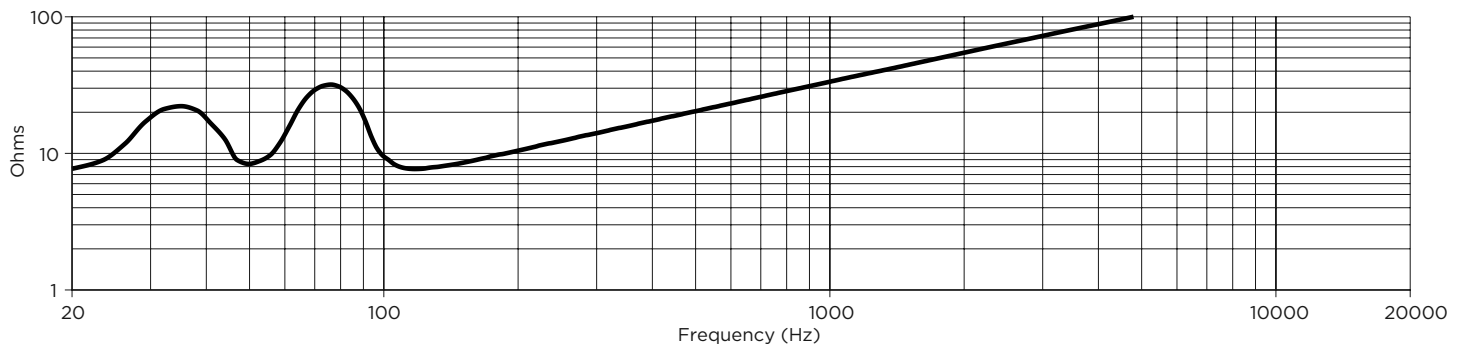
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### On-Axis Frequency Response <sup>6</sup>



### Impedance



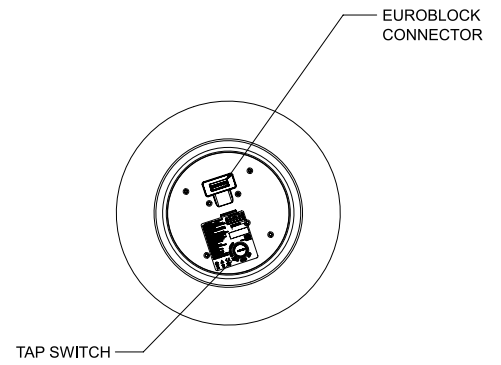
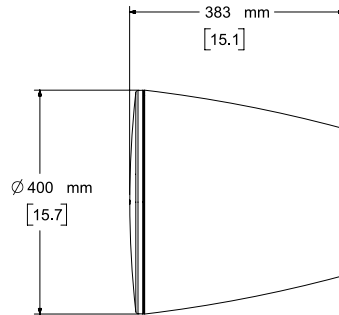
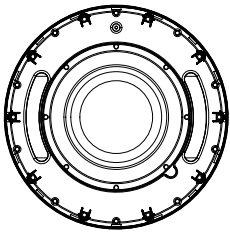
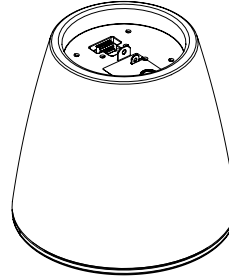
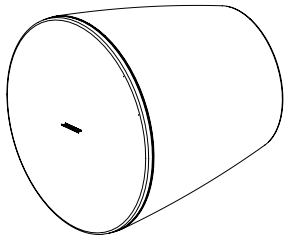
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TECHNICAL DATA

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## Dimensions



**Front View**  
GRILLE REMOVED FOR CLARITY

**Right View**  
DIMENSIONS APPLY TO BOTH SIDES

**Rear View**

- NOTES:  
1. DIMENSIONS ARE IN MILLIMETERS OVER INCHES  
2. WEIGHT APPROX 8.9kg [19.7lbs]