

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 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

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) ¹ | 46 – 108 Hz | |
| Frequency Range (-10 dB) ¹ | 40 – 125 Hz | |
| Nominal Coverage Angle | Omnidirectional below 200 Hz | |
| | AES transducer test ⁴ | Bose Professional extended-lifecycle test ⁵ |
| Power Handling, Long-term Continuous | 300 W | 250 W |
| Power Handling, Peak | 1200 W | 1000 W |
| Sensitivity SPL / 1 W @ 1 m ² | 85 dB | 85 dB |
| Calculated Maximum SPL @ 1 m ³ | 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 Professional EQ voicing and SmartBass available. | |
| Recommended High-Pass Protection | 45 Hz with minimum 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 BoseProfessional.com. Specifications subject to change without notice. 09/2024

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| TRANSDUCERS | |
|---|--|
| Low Frequency | 1 × 254 mm (10 in) woofer |
| Nominal Impedance | 8 Ω (transformer bypass) |
| PHYSICAL | |
| Enclosure Material | Engineered plastics |
| Grille | Perforated steel, powder-coated finish, paintable ⁶ |
| Logo | Rotatable, removable |
| Color | Black (RAL 9005), white (RAL 9003), paintable ⁶ |
| Environmental | Indoor only |
| Safety Agency | UL Listed, UL 1480A, UL 2239 for suspension cable, 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, mounted on top. Accepts 18 AWG (0.8 mm ²) to 14 AWG (2.5 mm ²) 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 m (15 ft) adjustable suspension cable. |
| Product Dimensions (enclosure diameter × depth) | 400 × 383 mm (15.7 × 15.1 in) |
| Cable Dimensions (diameter × length) | 3.2 mm × 4.57 m (0.125 in × 15.00 ft) |
| Net Weight, Loudspeaker (single) | 8.9 kg (19.7 lb) |
| Shipping Weight (single) | 12.65 kg (27.89 lb) |
| Included Accessories | Each DM10P-SUB includes one (1) adjustable suspension cable system, four (4) cable ties |
| Optional Accessories | Threaded rod adapter, conduit adapter |
| PRODUCT CODES | |
| Black | 835265-0110 DESIGNMAX DM10P-SUB SINGLE BLK |
| Black (new) | 835265-0120 DESIGNMAX DM10P-SUB SINGLE BLK |
| White | 835265-0210 DESIGNMAX DM10P-SUB SINGLE WHT |
| White (new) | 835265-0220 DESIGNMAX DM10P-SUB SINGLE WHT |
| Threaded rod adapter (pair) | 850571-0010 DESIGNMAX PENDANT THREADED ROD ADAPTER |
| Conduit adapter (pair) | 854381-0010 DESIGNMAX PENDANT CONDUIT ADAPTER |

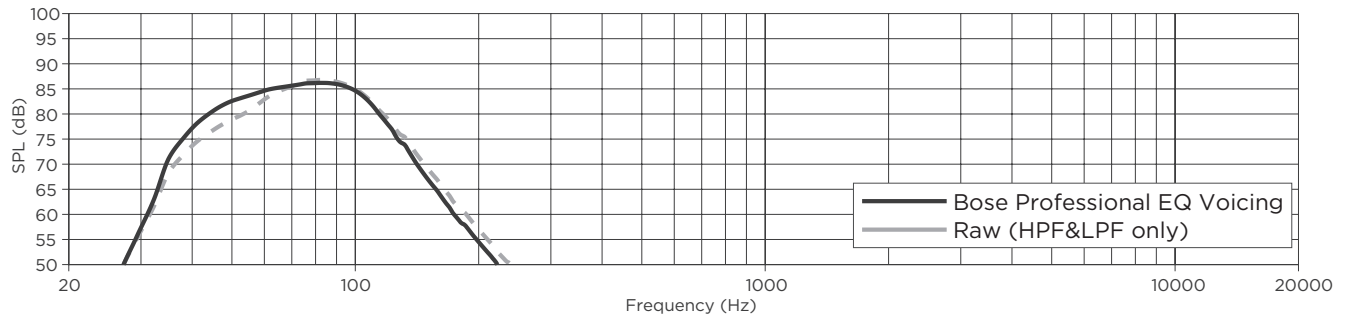
Footnotes

1. Frequency response and range measured on-axis in whole-space environment with recommended EQ voicing.
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 Professional extended-lifecycle test using pink noise filtered to meet IEC268-5, 6-dB crest factor, 500-hour duration.
6. Choose a paint that is specifically designed for use with polypropylene (PP) plastics.

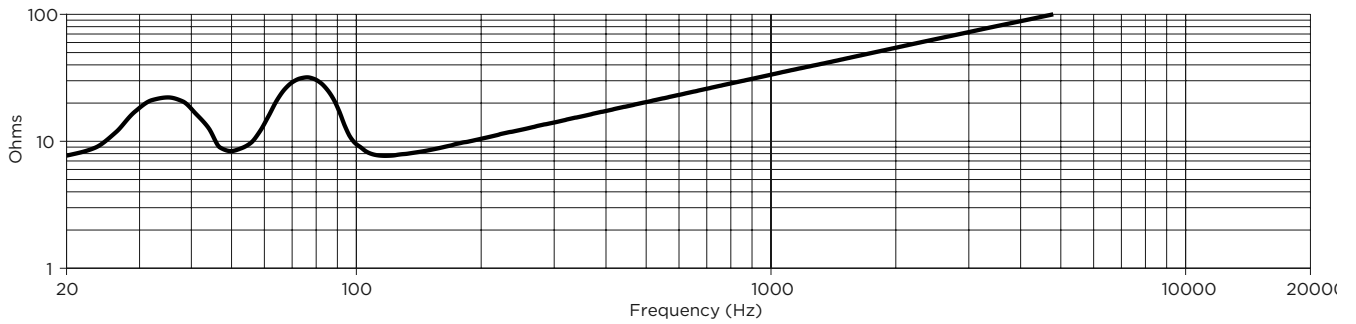
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On-axis Response ⁷



Impedance



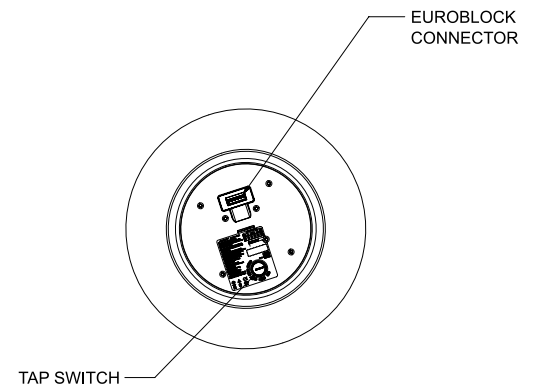
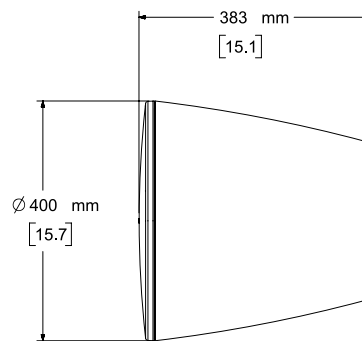
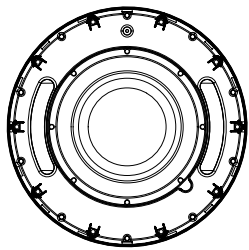
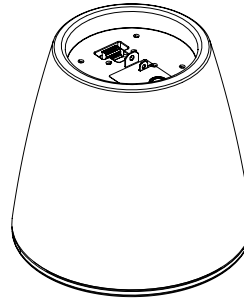
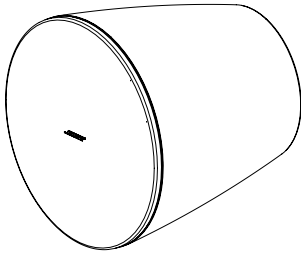
7. Frequency response shown using 45 Hz HPF 24 dB/octave and 100 Hz LPF 24 dB/octave.

TECHNICAL DATA

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Dimensions⁸



Front View
GRILLE REMOVED FOR CLARITY

Right View
DIMENSIONS APPLY TO BOTH SIDES

Rear View

8. Dimensions are shown in millimeters over inches.

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For additional specifications and application information, please visit [BoseProfessional.com](https://www.boseprofessional.com). Specifications subject to change without notice. 09/2024