



MARQUIS
DANCE CLUB SERIES

MD7

Ultra Long Excursion High Power Dual 18" Subwoofer

Professional Series

Key Features:

- ▶ Dual JBL 2269H 4" dual voice coil – dual magnetic gap Differential Drive® woofers with Vented Gap Cooling™
- ▶ 4000 watts continuous program power handling
- ▶ Horn-loaded enclosure for low distortion
- ▶ Ultra low-frequency response with true sub-bass extension

Applications:

- ▶ Sophisticated dance clubs
- ▶ Anywhere high energy dance music is required

JBL's Marquis Dance Club Series is a state-of-the-art family of loudspeaker systems designed specifically for the Dance Club Market. The MD7, dual 18" subwoofer system is fitted with two JBL 2269H Differential Drive, Vented Gap Cooling capable of generating frequency response to 25 Hz in a sonically superior and visually imposing dance floor system.

The MD7 is a high-output subwoofer system that forms the foundation of the 5-way Marquis Dance Club Series stack as well as provide the sub-frequency support for the MD46 and MD49 4-way full-range systems. When all elements are combined they complete high energy 5-way dance systems with unprecedented fidelity, clarity, and breathtaking purity.



Specifications:

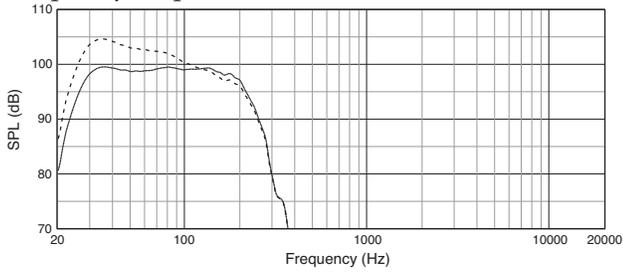
System:	
Frequency Range (-10 dB):	22 - 240 Hz
Frequency Response (± 3 dB):	25 - 120 Hz
Input Modes:	Drivers Parallel / Drivers Discrete
System Power Rating ¹ :	4000 W (16000 W peak), 2 hrs.
Long-Term System Power Rating ² :	2000 W (8000 W peak), 100 hrs
Maximum SPL (1m) ³ :	135 dB-SPL cont. avg. (141 dB peak)
System Sensitivity ⁴ :	112 dB SPL, 2.83V (2W) @ 1m (3.3 ft)
Nominal Impedance:	4 ohms in parallel-drive mode 2 x 8 ohms in discrete-drive mode
Transducers:	
Low Frequency Driver:	2 x 2269H, 460 mm (18 in) dia., 100 mm (4 in) Dual Coil Dual Gap neodymium Differential Drive®, VGC™ drivers
Physical:	
Enclosure:	Rectangular cabinet, 16 mm (5/8 in) exterior grade 11-ply birch plywood
Suspension Attachment:	18 points (5 top, 5 bottom, 4 each side) M10 threaded hardware. Bracket attachment points, 2 x M10 located on the top of the MD7 are not intended for applications involving overhead suspension.
Finish:	Black DuraFlex™ finish.
Grille:	Powder coated 14 gauge perforated steel.
Input Connector:	NL4 Neutrik Speakon® and CE-compliant covered barrier strip terminals. Barrier terminals accept up to 5.2 sq mm (10 AWG) wire or max width 9 mm (.375 in) spade lugs. Speakon in parallel with barrier strip for loop-through.
Dimensions (H x W x D in vertical cabinet orientation):	762.0 x 1121.7 x 965.7 mm (30.0 x 44.2 x 38.0 in)
Net Weight:	108.0 kg (238.0 lb)
Optional Accessories:	M10 x 35 mm forged shoulder eyebolts with washers.

¹IEC shaped pink noise, 6 dB crest factor, 2 hour duration, based on minimum impedance, with recommended active tuning.
²IEC shaped pink noise, 6 dB crest factor, 100 hour duration, based on minimum impedance, with recommended active tuning.
³Calculated based on system sensitivity and 2-hour power rating, exclusive of power compression.
⁴Half-space (2 π) loading, averaged in specified frequency band.

JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

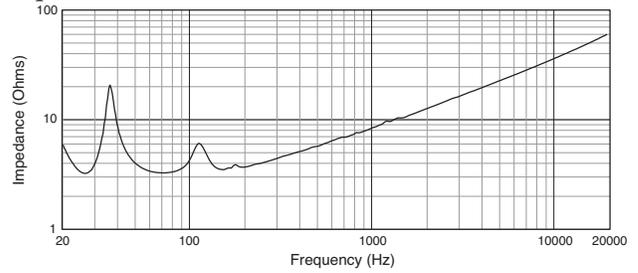
► MD7 Ultra Long Excursion High Power Dual 18" Subwoofer

Frequency Response



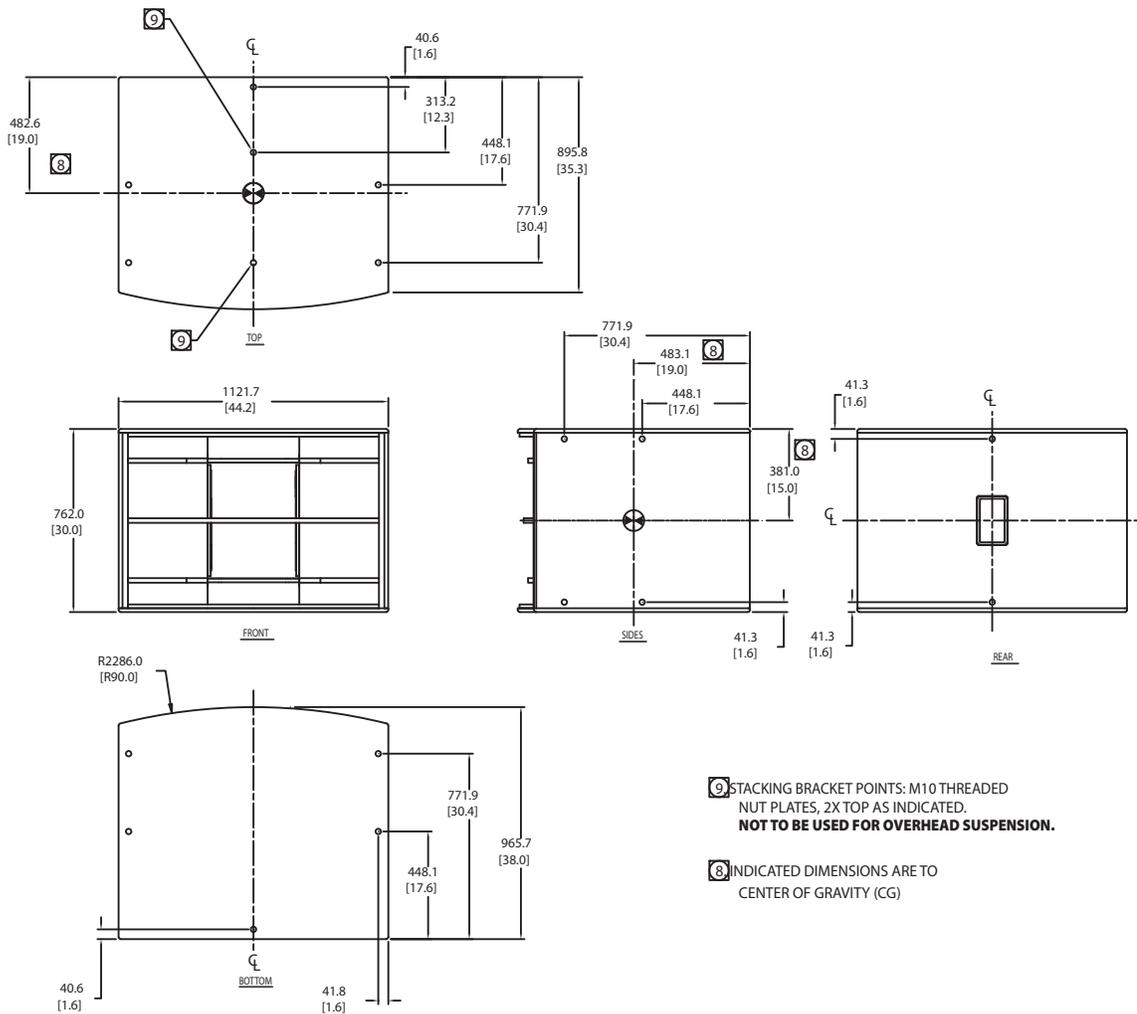
Frequency response shown with recommended active tuning, shown in half-space (2π , dotted line) and full-space (4π , solid line).

Impedance



Electrical input impedance measured with drivers in parallel mode.

Dimensions



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