MS26 Ultra Compact, Two-Way Full Range Loudspeaker System For Permanent Installation

Marquis Series

Key Features:

- 2 x 6" LF transducers
- 1" exit composite tweeter
- Ultra compact enclosure
- DuraFlex finish, tough, weather-resistant and paintable
- 2 Suspension points (M10 Thread) yoke bracket
- Omni Mount location, MTC-52/51
- Dual Neutrik Speakon connectors

The model MS26 is a full range system designed to provide maximum bandwidth and SPL in a single system package and yet be visually unobtrusive. The enclosure design allows for installation very close to walls and ceilings, thus making it the ideal choice for under balcony, column and wall mounting. The high frequency device is a 1" exit composite diaphragm tweeter integrated to a newly designed eliptical waveguide. The combination exhibits smooth power response resulting in extremely natural voicing. With a nominal 100 x 70° coverage pattern the system provides even coverage for all "fill" type applications. JBL transducers combined with an optimized passive network, incorporating SonicGuard™, provide reliable performance associated with JBL loudspeaker systems.

The enclosure has been design to work in the vertical plane as well as the horizontal. Mounting points are provided on the end panels to support a wall mount bracket. The enclosure also provides a point at which to attach an Omni Mount type bracket (MTC-52/51).

The rugged plywood construction of the enclosure, along with a textured DuraFlex finish and a heavy duty zinc treated steel, foam-backed grille and treated cones enable this Marquis Series enclosure to meet with environmental test specifications.

Designed for permanent installation, the MS26 is part of the Marquis Series, a complete range of installation loudspeaker systems.

Preliminary Specifications:

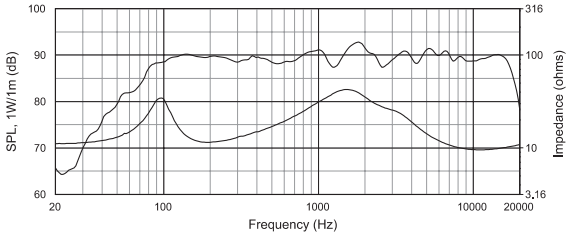
System:	
Freq. Range (-10 dB):	45 Hz - 20 kHz
Freq. Response (-3 dB):	65 Hz - 19 kHz
Horz. Coverage Angle (-6 dB):	100° averaged 500 Hz to 16 kHz
Vert. Coverage Angle (-6 dB):	120° averaged 500 Hz to 16 kHz
Directivity Factor (Q):	8.8 averaged 500 Hz to 16 kHz
Directivity Index (DI):	9.4 dB averaged 500 Hz to 16 kHz
System Sensitivity[1]:	91 dB, 1 W @ 1 m (3.3 ft)
Rated Maximum SPL:	119 dB, @ 1 m (3.3 ft)
System Nominal Impedance:	16 Ohms
System Input Power Rating[2]:	150 W, IEC; 600 W Peak
Recommended Amplifier[3]:	200 W
Crossover:	2.8 kHz
Transducers:	
Low-Frequency:	2 x 506G-2G, 150 mm (6 in) dia.
High-Frequency:	105Ti, 25 mm (1 in) exit, titanium composite diaphragm tweeter
Physical:	
Enclosure:	Asymmetric, 15° sides, plywood
Environmental Specifications:	Mil-Std 810, IPX4 per IEC 529
Suspension Attachment:	2 points; accepts M10 threaded hardware, yoke bracket, MTC-52/51 (Omni Mount 75 Series)
Finish:	Black DuraFlex coating
Grille:	Black powder coated zinc treated 18 gauge perforated steel grille with foam backing
Input Connectors:	2 x NL4 Neutrik Speakon connectors
Dimensions:	610 mm x 219 mm x 244 mm (24.0 in x 8.6 in x 9.6 in)
Net Weight:	8.2 kg (18 lbs.)

[1]Measured on-axis in the far field with 1 watt (4.0 V RMS @ 16 ohms) input and referenced to 1 meter distance using the inverse square law. Listed sound pressure represents an average from 300 Hz to 16 kHz.
[2]IEC Spectrum for 2 hours with +6 dB crest factor.
[3]Recommended Amplifier is a power capability value that should be taken as a guide.

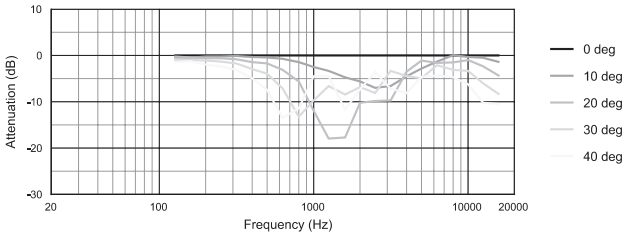
JBL continually engages in research related to product improvement. New materials, production methods, and design refinements are introduced into existing products without notice as a routine expression of that philosophy. For this reason, any current JBL product may differ in some respect from its published description, but will always equal or exceed the original design specifications unless otherwise stated.

MS26 2 way System

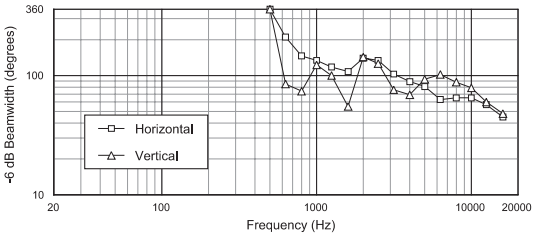
Frequency response is measured on-axis at a distance referenced to 1 meter at 1 watt using a recommended controller, shown as a half-space (2π) environment.



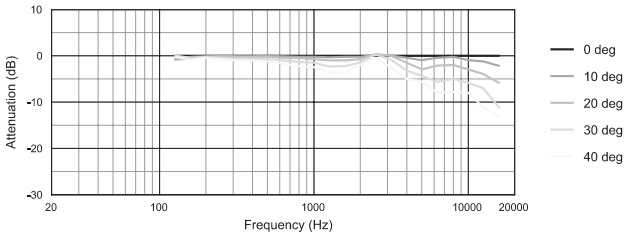
Vertical Off-Axis Frequency Response



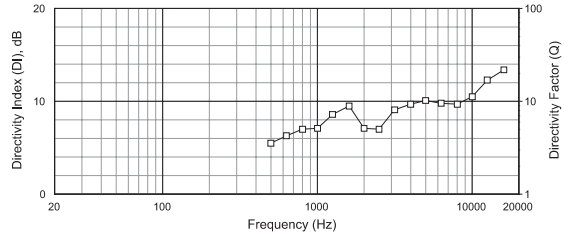
Beamwidth vs. Frequency

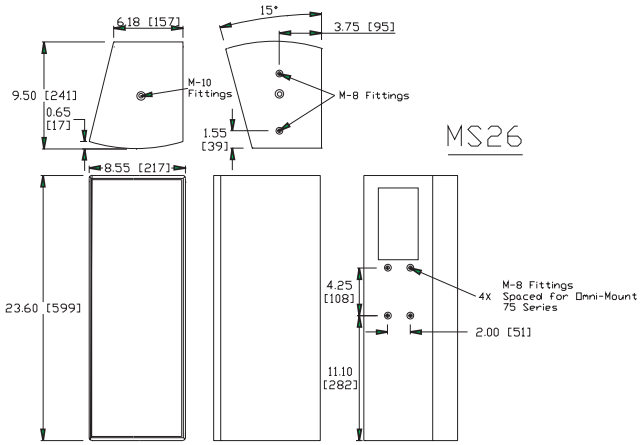


Horizontal Off-Axis Frequency Response

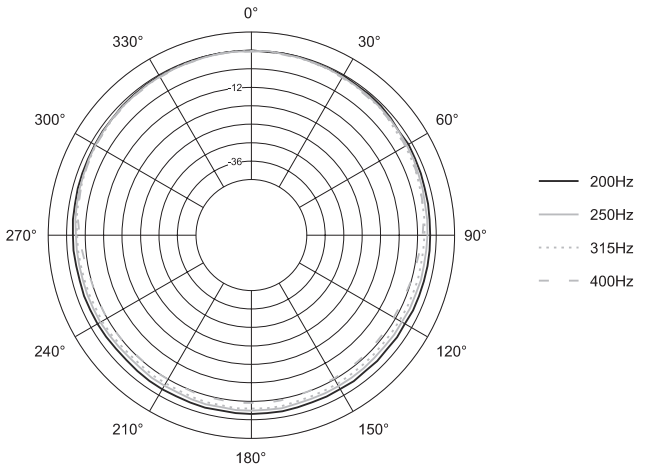


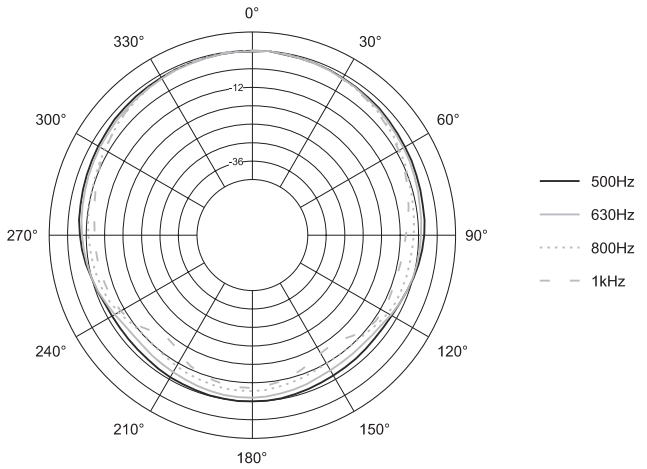
Directivity vs. Frequency

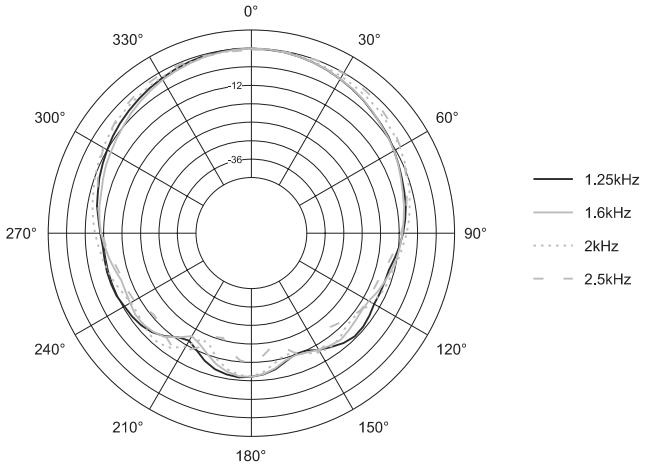


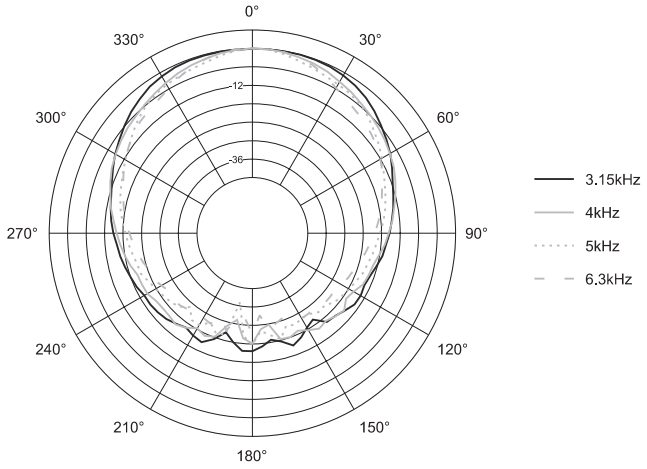


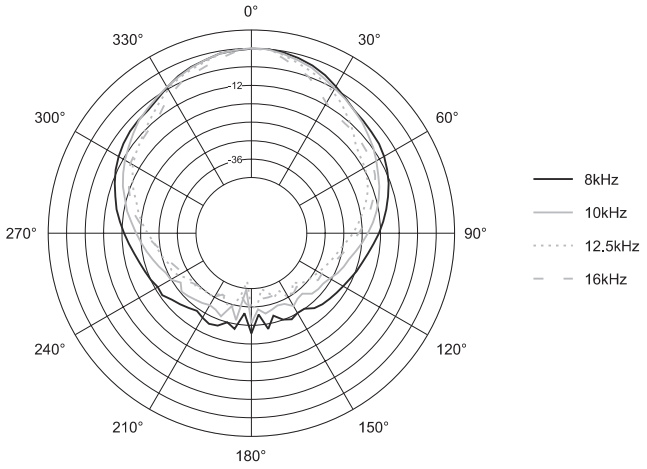
Horizontal 1/3 Octave Polars





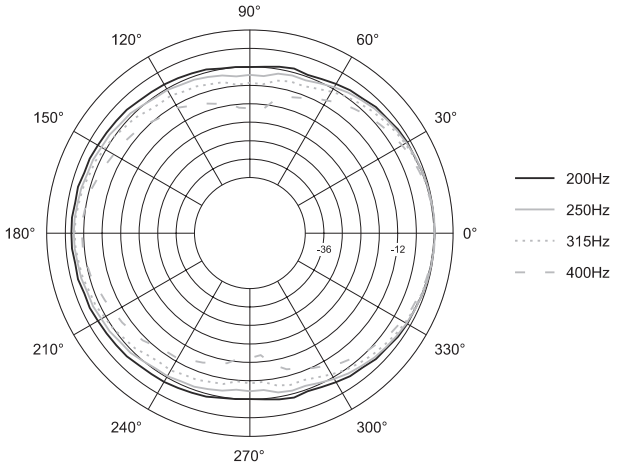


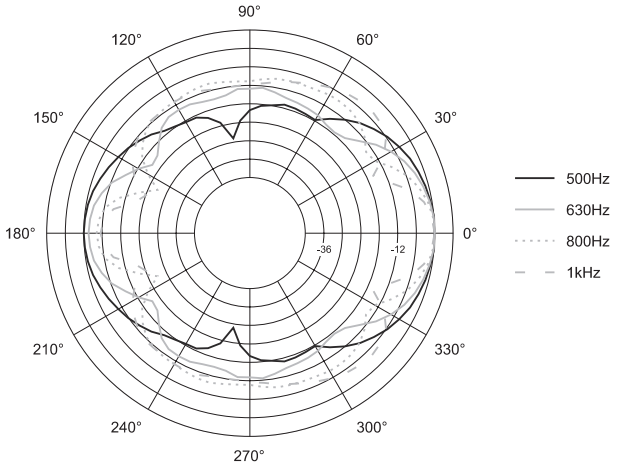


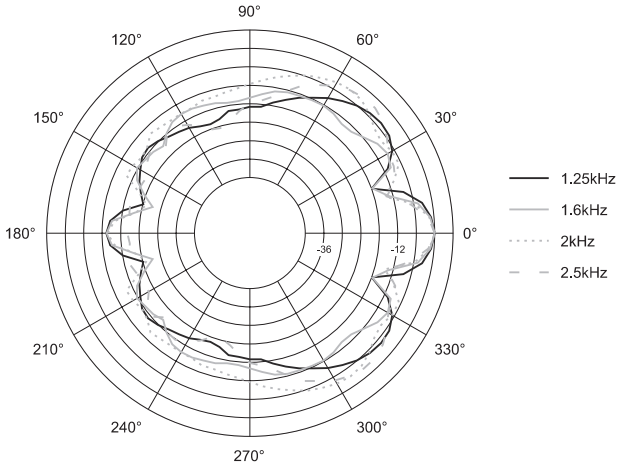


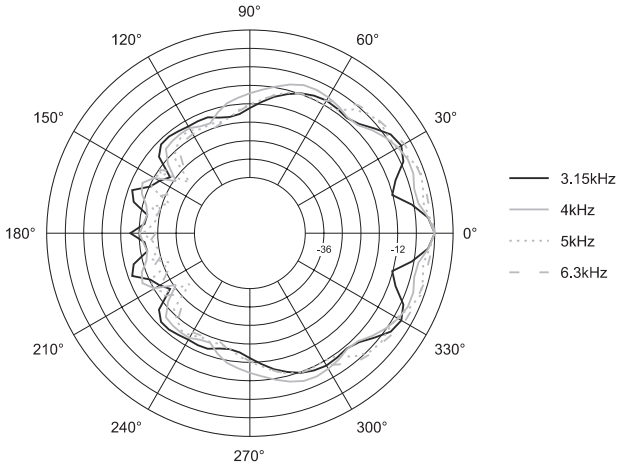
MS26 2 way System

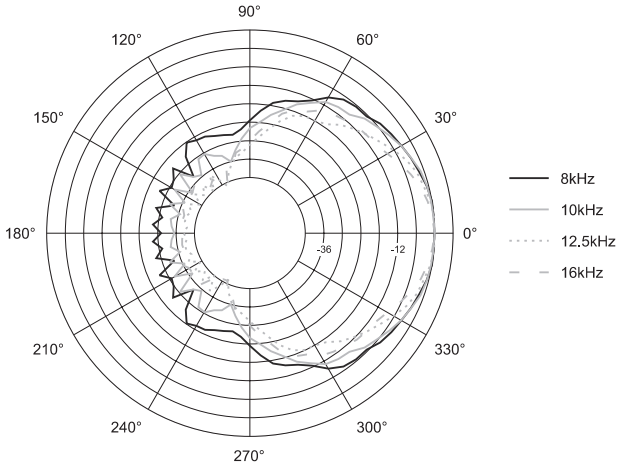
Vertical 1/3 Octave Polars











JBL Professional
8500 Balboa Boulevard, P.O. Box 2200
Northridge, California 91329 U.S.A.
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