

Marquis Series

Key Features:

- ▶ Usable LF reinforcement to 35 Hz
- ▶ 2 x 15" LF transducers
- ▶ Internal Low Pass Passive Network
- ▶ DuraFlex finish, tough, weather-resistant and paintable
- ▶ Ultra Compact Optimized enclosure design
- ▶ Dual Neutrik Speakon connectors
- ▶ Hand Locations



The model MS125S is an ultra compact low frequency loudspeaker system. The dual 15" JBL low frequency transducers combined with an acoustically optimized enclosure design provide powerful transient bass with minimum power compression and distortion. The internal low pass passive network replaces the need for an external electronic crossover when using with other Marquis Series systems in a complete installation.

The compact rectangular enclosure enables this system to be located in discrete locations or stacked together for maximum acoustic coupling.

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 MS125S is part of the Marquis Series, a complete range of installation loudspeaker systems.

Preliminary Specifications:

System:

Freq. Range (-10 dB):	35 Hz - 250 Hz
Freq. Response (-3 dB):	40 Hz - 175 Hz
Recommended High Pass:	30 Hz, 12 dB/Octave
Internal Low Pass:	200 Hz, 6 dB/Octave

Transducers:

Low Frequency:	2 x 2032H, 380 mm (15 in) dia.
Nominal Impedance:	4 Ohms
Input Power Rating:	700 W, AES; 2800 W Peak
Sensitivity ¹ :	100 dB, 1 W @ 1 m (3.3 ft)
Maximum Rated SPL:	134 dB, @ 1 m (3.3 ft)
Recommended Amplifier ² :	800 W (4 ohms)

Physical:

Enclosure:	Rectangular cabinet, plywood
Environmental Specifications:	Mil-Std 810, IPX4 per IEC 529
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:	922 mm x 569 mm x 572 mm (36.3 in x 22.4 in x 22.5 in)
Net Weight:	45.5 kg (100 lbs.)

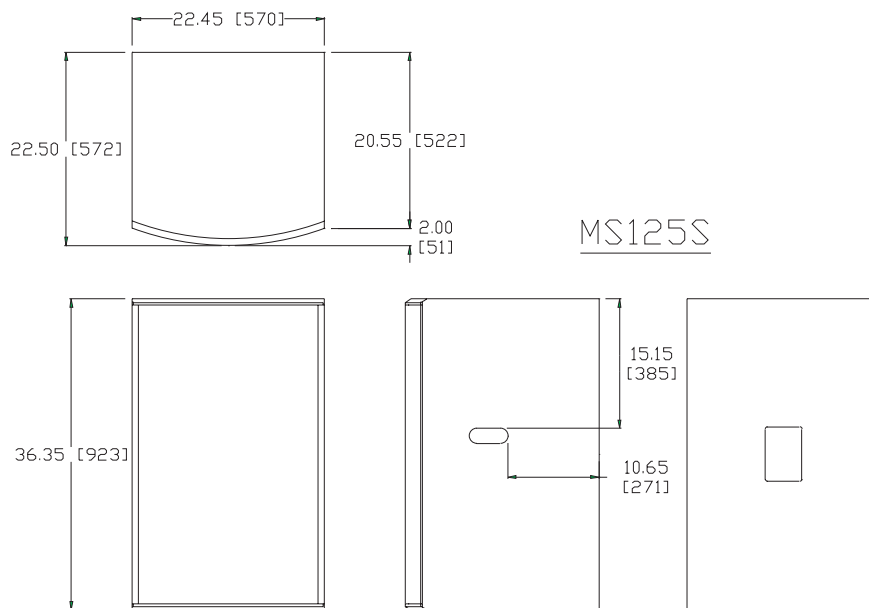
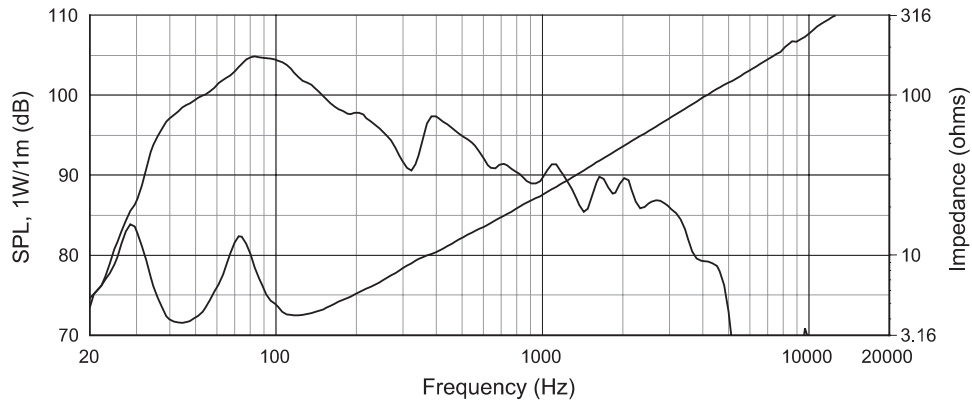
¹Measured on-axis in the far field with 1 watt (2.0 V RMS, 8 ohms) input and referenced to 1 meter distance using the inverse square law. Listed sound pressure represents an average from 100 Hz to 500 Hz.

²Recommended 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.

▶ MS125S Low Frequency System

Frequency Response is measured on-axis at a distance referenced to 1 m @ 1 watt (2.0 Vrms) input, shown as half-space (2π) environment.



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