

# MARVOX LB - 1



## Compact, high sensitivity loudspeaker system

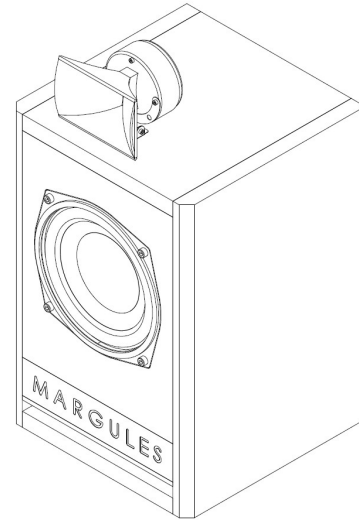
### General description:

The MARVOX LB-1 is a wide-spectrum loudspeaker designed for powerful, dynamic and musical sound in a compact, visually elegant format. With 92 dB sensitivity, it functions as a medium-to-high efficiency system, delivering high sound pressure levels with low power demand while maintaining clarity and definition.

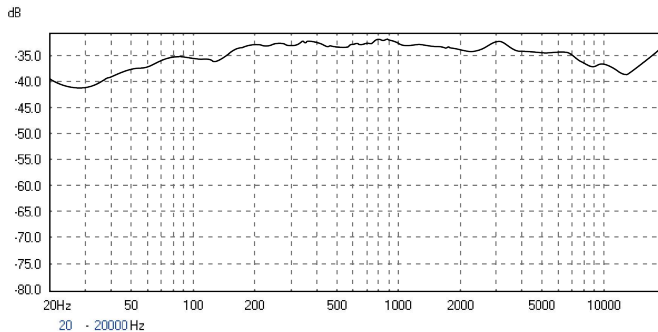
Its horn-loaded tweeter provides controlled dispersion and brilliant high-frequency presence, while the bass driver offers solid, deep low-end reaching down to 50 Hz. Together, they deliver a balanced, natural, and detailed 50 - 20,000 Hz frequency response.

With 300-watt power handling, the LB-1 offers wide dynamic range, reproducing everything from delicate passages to moments of full energy.

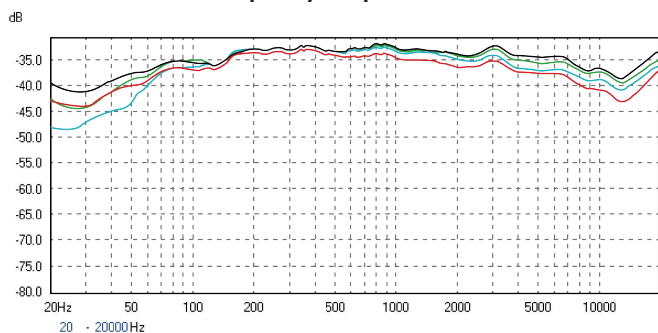
Designed for restaurants, bars, and similar venues, it combines sound quality, durability, and aesthetics, and integrates smoothly into larger audio systems thanks to its balanced engineering. Its construction blends select woods and fine finishes, enhancing both visual appeal and acoustic performance.



### Frequency Response:



### Horizontal Off Axis Frequency Response:



■ 0° horizontal ■ 15° horizontal ■ 30° horizontal ■ 45° horizontal

### Packaging contents

- LB-1 speaker (x1)
- Q/C sheet
- Rigging bracket (x4) (optional)
- Rigging bolt, nut and lock nut (x2) (optional)

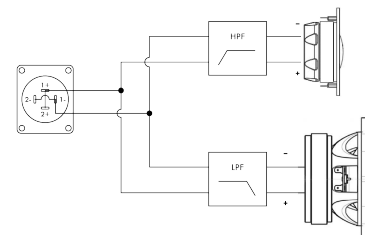
### Technical Specifications:

Freq. Response <sup>1</sup> (-3 dB):	50 Hz - 20 kHz
Freq. Range <sup>1</sup> (-10 dB):	30 Hz - 45 kHz
Rec. Hipass Frequency:	60 Hz
On axis sensitivity:	92 dB (W/m)
Max. Calculated SPL:	116 dB
Power Handling:	300 W
Crossover Frequency:	2500 Hz
Nominal Impedance:	8 Ohms
Minimum Impedance:	8 Ohms
Connectors:	1x NL-4 female jack
Enclosure Material:	18 mm Valchromat, 32 mm walnut front
Dimensions (W x D x H)	441 x 231 x 231 cm (17.4" x 9.1" x 9.1")
Net Weight:	11 kg (24.25 lbs)
Shipping Weight:	12 kg (26.5 lbs)

<sup>1</sup> Half Space Measurement.

Specifications subject to change without notice.

### Block Diagram (Passive):



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### CAUTION



This system should be suspended with the provided hardware or certified rigging hardware, by an authorized rigging professional and in compliance with local, state, and federal overhead suspension ordinances.