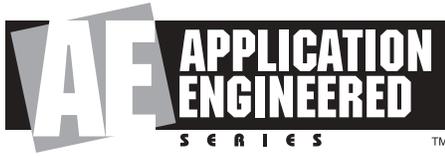




# AL6125 High Power Dual 15" Low Frequency Loudspeaker



## Key Features:

- ▶ 2 x 15" 2226H VGC™ Driver.
- ▶ Large vent area for high output with low distortion.
- ▶ Parallel/Discrete Switchable input mode.

## Applications:

- ▶ Performing arts facilities
- ▶ Theatrical sound design
- ▶ Auditoriums
- ▶ Houses of worship
- ▶ Live clubs
- ▶ Dance-clubs/discotheques
- ▶ Sports facilities
- ▶ Themed entertainment venues

AL6125 is a high power, low frequency loudspeaker system comprised of two 380 mm (15 in) VGC Vented Gap Cooled low frequency drivers in a front-loaded, vented configuration. The rectangular cabinet is fitted with M10 threaded suspension points.

AL6125 is part of JBL's AE Application Engineered Series, a versatile family of loudspeakers for a wide variety of applications.



## Specifications:

<b>System:</b>	
Frequency Range (-10 dB):	40 Hz - 2.5 kHz
Frequency Response (±3 dB):	42 Hz - 2.1 kHz
Input Modes:	Drivers Parallel / Drivers Discrete
Transducer Power Rating (AES):	2000 W (8000 W peak), 2 hrs
Long-Term System Power Rating <sup>2</sup> :	1200 W (4800 W peak), 100 hrs
Maximum SPL <sup>3</sup> :	50 Hz - 125 Hz: 136 dB-SPL cont avg (142 dB peak) 125 Hz - 800 Hz: 135 dB-SPL cont avg (141 dB peak)
System Sensitivity (dB-SPL, 1W @ 1m) <sup>4</sup> :	50 Hz - 125 Hz: 103 dB 125 Hz - 800 Hz: 102 dB
Nominal Impedance:	4 ohms in parallel-drive mode 2 x 8 ohms in discrete drive mode
<b>Transducers:</b>	
Low Frequency Driver:	2 x JBL 2226H 380 mm (15 in) VGC™ drivers with 100 mm (4 in) voice coil
<b>Physical:</b>	
Enclosure:	Rectangular cabinet, 16 mm (5/8 in) exterior grade 11-ply Finnish birch plywood
Suspension Attachment:	12 points (3 top, 3 bottom, 2 each side, 2 rear), M10 threaded hardware
Finish:	Black DuraFlex™ finish. White available upon request.
Grille:	Powder coated 14 gauge perforated steel, with acoustically transparent black foam backing.
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.
Environmental Specifications:	Mil-Std 810; IP-x3 per IEC529.
Dimensions (H x W x D in vertical cabinet orientation):	967 x 422 x 504 mm (38.1 x 16.6 x 19.9 in)
Net Weight:	44.5 kg (98 lb)
Optional Accessories:	M10 x 35 mm forged shoulder eyebolts with washers.

<sup>1</sup>AES standard, one decade pink noise with 6 dB crest factor within device's operational band, free air. Standard AES 2 hr rating plus long-term 100 hr rating are specified for low-frequency transducers.

<sup>2</sup>AES standard, one decade pink noise with 6 dB crest factor, in cabinet, long-term 100 hr rating.

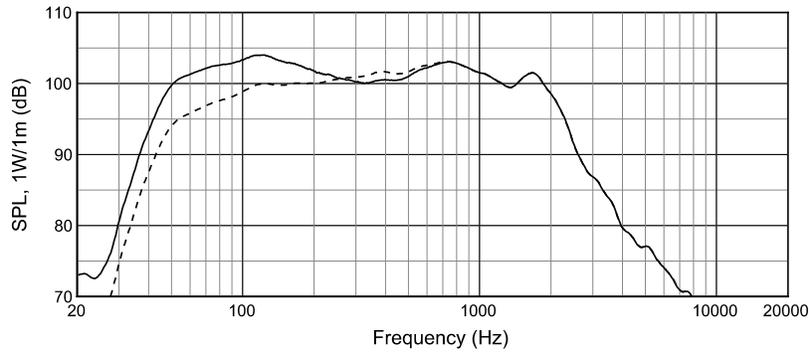
<sup>3</sup>Calculated based on power rating and sensitivity, exclusive of power compression.

<sup>4</sup>Half-space (2π) loading, averaged in specified frequency band.

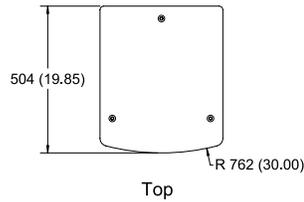
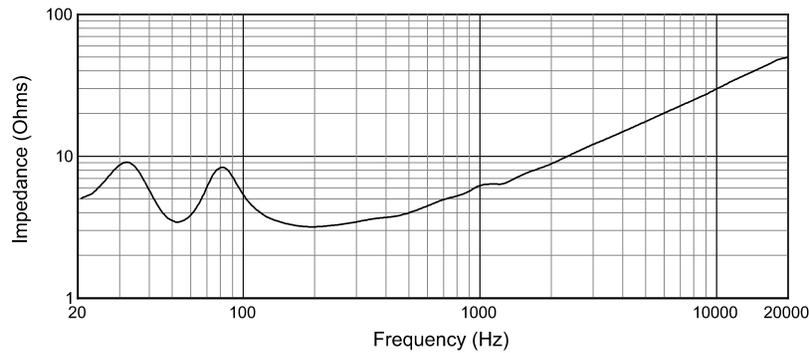
JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

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Frequency response is measured on-axis at a distance referenced to 1 m @ 1 watt (2.0 Vrms) input, shown as half-space ( $2\pi$ , solid line) and full-space ( $4\pi$ , dotted line) environment.

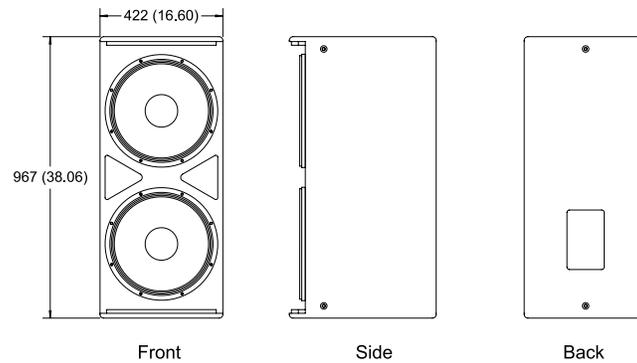


Electrical Input Impedance (parallel mode)



Dimensions in mm (in)

For more detailed dimensional information, refer to Application Data Sheet



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