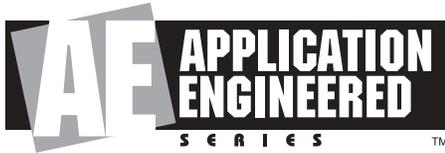




# AL6115 High Power Single 15" Low Frequency Loudspeaker



## Key Features:

- ▶ 1 x 15" 2226H VGC™ Driver.
- ▶ Large vent area for high output with low distortion.
- ▶ Arrays with various AE Series mid-high frequency and compact 2-way models (see AE Series Array Guide).

## Applications:

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

AL6115 is a high power, low frequency loudspeaker system comprised of one 380 mm (15 in) VGC Vented Gap Cooled low frequency driver in a front-loaded, vented configuration. The trapezoidal cabinet is fitted with M10 threaded suspension points. Pre-engineered array bracketry is available.

AL6115 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):	47 Hz – 2.1 kHz
Transducer Power Rating (AES):	1000 W (4000 W peak), 2 hrs
Long-Term System Power Rating:	600 W (2400 W peak), 100 hrs
Maximum SPL:	50 Hz – 125 Hz: 129 dB-SPL cont avg (135 dB peak) 125 Hz – 800 Hz: 127 dB-SPL cont avg (133 dB peak)
System Sensitivity (dB-SPL, 1W @ 1m):	50 Hz – 125 Hz: 99 dB 125 Hz – 800 Hz: 97 dB
Nominal Impedance:	8 ohms
<b>Transducers:</b>	
Low Frequency Driver:	1 x JBL 2226H 380 mm (15 in) VGC™ driver with 100 mm (4 in) voice coil
<b>Physical:</b>	
Enclosure:	Trapezoidal with 15 degree side angles, 16 mm (5/8 in) exterior grade 11-ply Finnish birch plywood
Suspension Attachment:	13 points (3 top, 3 bottom, 2 each side, 3 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):	548 x 561 x 657 mm (21.6 x 22.1 x 25.9 in)
Net Weight:	29.0 kg (64 lb)
Optional Accessories:	M10 x 35 mm forged shoulder eyebolts with washers. Optional planar array frame kit. See AE Series Bracket Guide

<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.

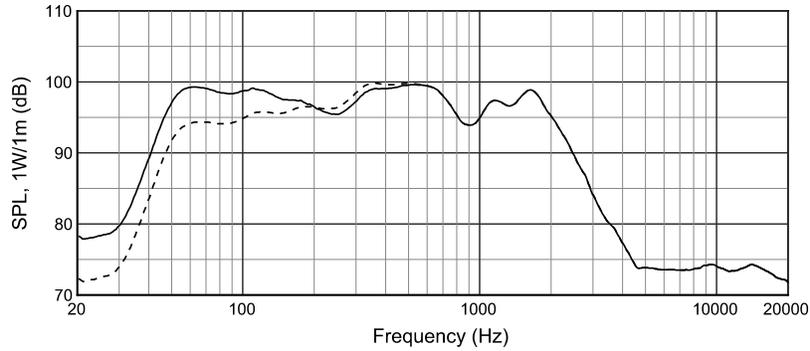
<sup>3</sup>Calculated based on power rating and sensitivity, exclusive of power compression.

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

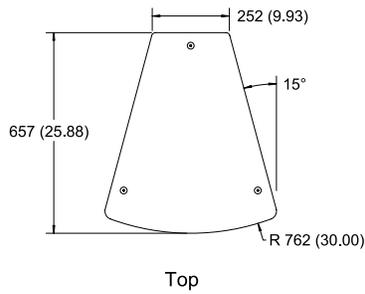
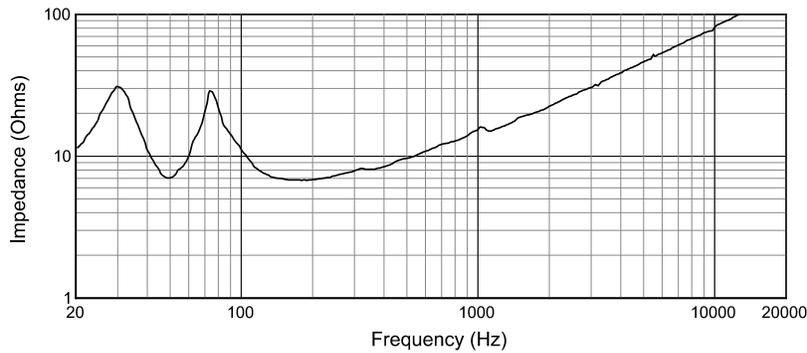
JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

# ▶ AL6115 High Power 15" Low Frequency Loudspeaker

Frequency response is measured on-axis at a distance referenced to 1 m @ 1 watt (2.83 Vrms) input, shown as half-space ( $2\pi$ , solid line) and full-space ( $4\pi$ , dotted line) environment.

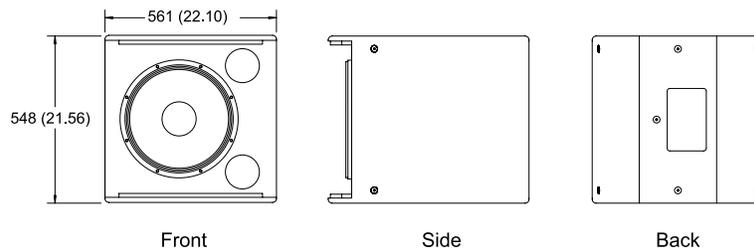


## Electrical Input Impedance



Dimensions in mm (in)

For more detailed dimensional information, refer to Application Data Sheet



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