



# AL7115 High Power Single 15" Low Frequency Loudspeaker

Professional Series

## Key Features:

- ▶ 1 x 15" 2265H Differential Drive® Low-Frequency 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

AL7115 is a high power, low frequency loudspeaker system comprised of one 380 mm (15 in) Differential Drive® 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.

AL7115 is part of JBL's AE Application Engineered Series, a versatile family of loudspeakers for a wide variety of applications.



## Specifications:

System:	
Frequency Range (-10 dB):	40 Hz – 4.2 kHz
Frequency Response (±3 dB):	47 Hz – 3.0 kHz
Transducer Power Rating (AES):	1000 W (4000 W peak), 2 hrs
Long-Term System Power Rating <sup>2</sup> :	600 W (2400 W peak), 100 hrs
Maximum SPL:	50 Hz – 125 Hz: 127 dB-SPL cont avg (133 dB peak) 125 Hz – 800 Hz: 126 dB-SPL cont avg (132 dB peak)
System Sensitivity (dB-SPL, 1W @ 1m):	50 Hz – 125 Hz: 97 dB 125 Hz – 800 Hz: 97 dB
Nominal Impedance:	8 ohms
Transducers:	
Low Frequency Driver:	1 x JBL 2265H 380 mm (15 in) Differential Drive driver with 75 mm (3 in) dual voice coil
Physical:	
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:	25.9 kg (57 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.

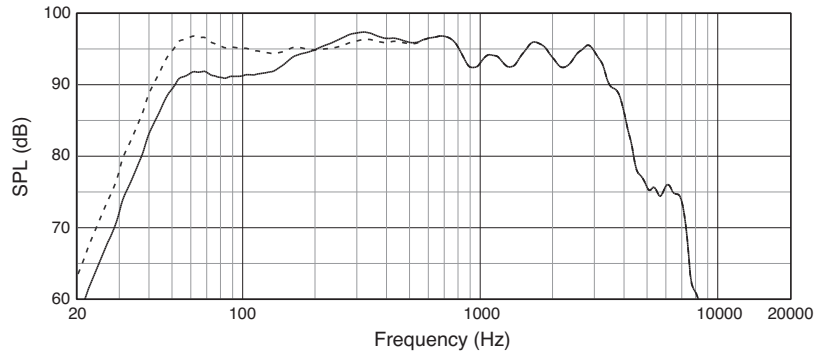
<sup>3</sup>Calculated based on power rating and sensitivity, exclusive of power compression.

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

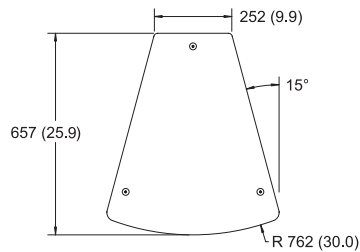
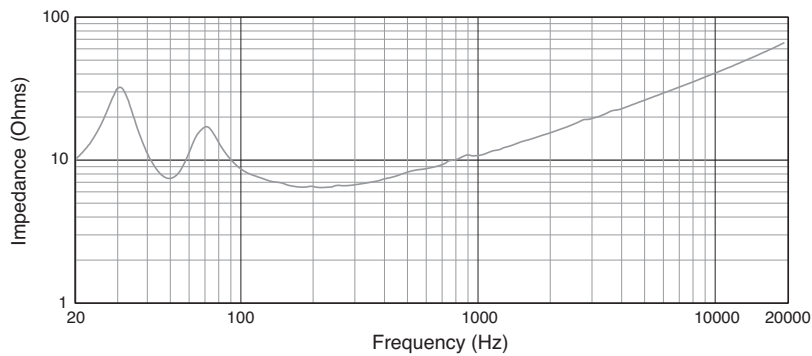
JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

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



## Electrical Input Impedance

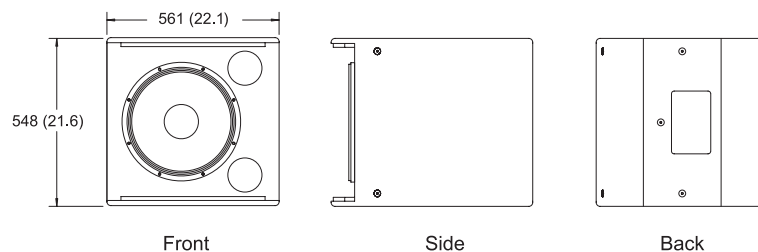


Dimensions in mm (in).

For more detailed dimensional information, refer to Application Data Sheet.

For AE & AE Compact Series WRC and WRX versions please visit the JBL Pro website at <http://www.jblpro.com/www/products/installed-sound/ae-series#.V63kVfkrLIV> to download Drawings.

Top



Front

Side

Back



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