



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) ¹ :	1000 W (4000 W peak), 2 hrs
Long-Term System Power Rating ² :	600 W (2400 W peak), 100 hrs
Maximum SPL ³ :	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) ⁴ :	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
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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:

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)
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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.

¹AES 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.

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

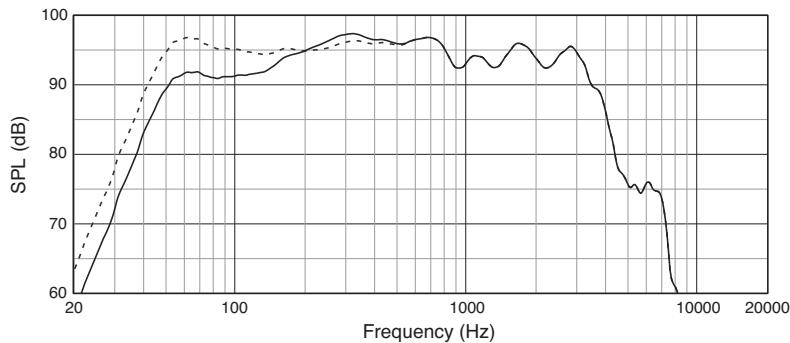
³Calculated based on power rating and sensitivity, exclusive of power compression.

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

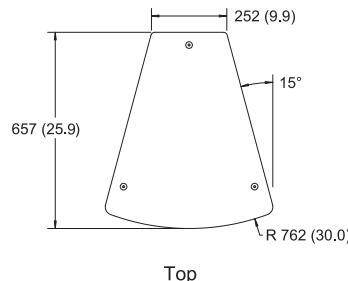
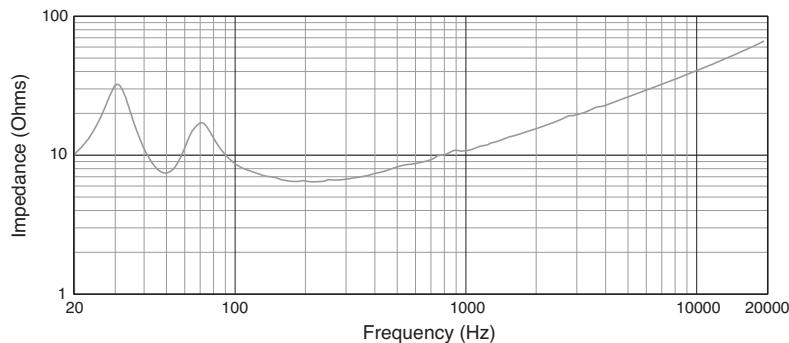
JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

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

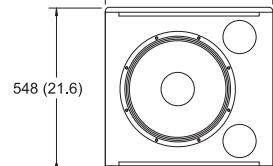


Electrical Input Impedance

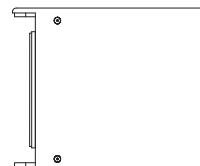


Dimensions in mm (in).

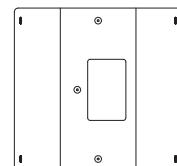
For more detailed dimensional information, refer to Application Data Sheet.



Front



Side



Back



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