



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
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.

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.

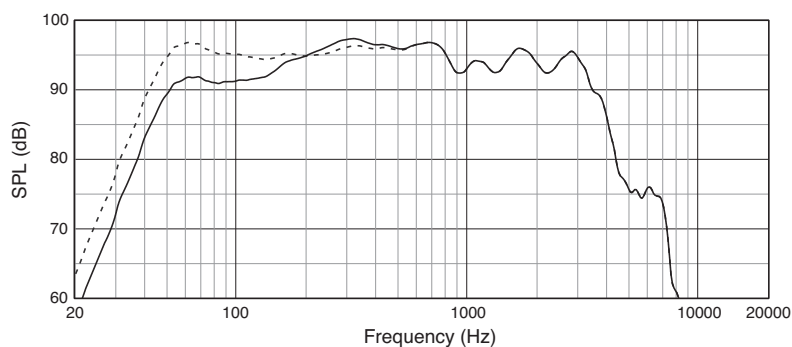
³Calculated based on power rating and sensitivity, exclusive of power compression.

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

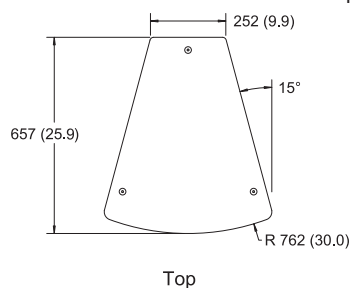
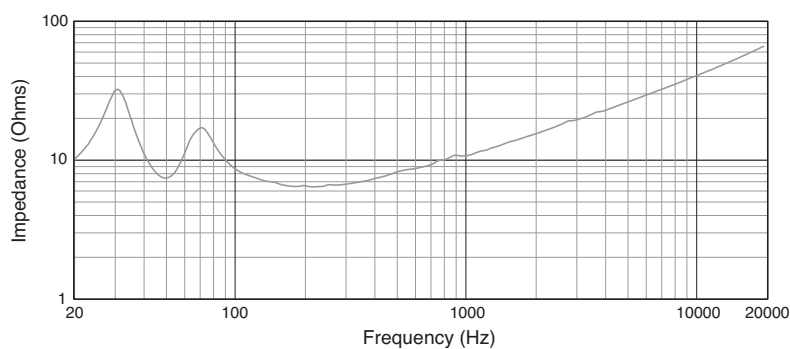
JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

► AL7115 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 (2π , dotted line) and full-space (4π , solid line) environment.

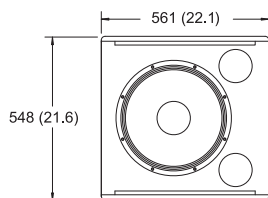


Electrical Input Impedance

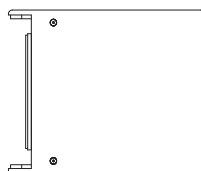


Dimensions in mm (in).

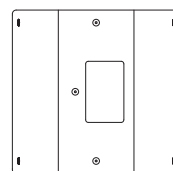
For more detailed dimensional information, refer to Application Data Sheet.



Front



Side



Back



by HARMAN

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