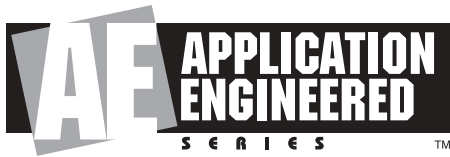




# ASB6118 High Power Single 18" Subwoofer



## Key Features:

- ▶ 1 x 18" 2242H SVG™ Driver.
- ▶ Large vent area for high output with low distortion.
- ▶ Arrays with various AE Series mid-high frequency 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

ASB6118 is a high power subwoofer system comprised of one 460 mm (18 in) SVG Super Vented Gap low frequency driver in a vented, front-loaded configuration for extended bandwidth. The rectangular cabinet is fitted with M10 threaded suspension points. Pre-engineered array bracketry is available.

ASB6118 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):	28 Hz – 1 kHz
Frequency Response (±3 dB):	35 Hz – 1 kHz
Transducer Power Rating (AES):	1200 W (4800 W peak), 2 hrs
Long-Term System Power Rating:	800 W (3200 W peak), 100 hrs
Maximum SPL:	30 Hz – 100 Hz: 129 dB-SPL cont avg (135 dB peak) 100 Hz – 500 Hz: 129 dB-SPL cont avg (135 dB peak)
System Sensitivity (dB-SPL, 1W @ 1m):	30 Hz – 100 Hz: 98 dB 100 Hz – 500 Hz: 98 dB
Nominal Impedance:	8 ohms
<b>Transducers:</b>	
Low Frequency Driver:	1 x JBL 2242H 460 mm (18 in) SVG™ driver 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):	548 x 561 x 816 mm (21.6 x 22.1 x 32.2 in)
Net Weight:	44.5 kg (98 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.

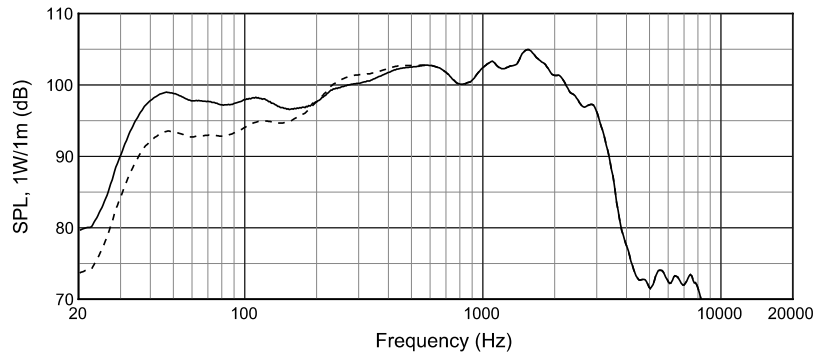
<sup>3</sup>Calculated based on power rating and sensitivity, exclusive of power compression.

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

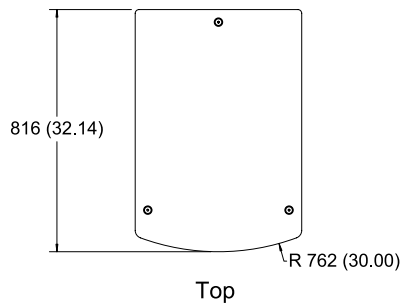
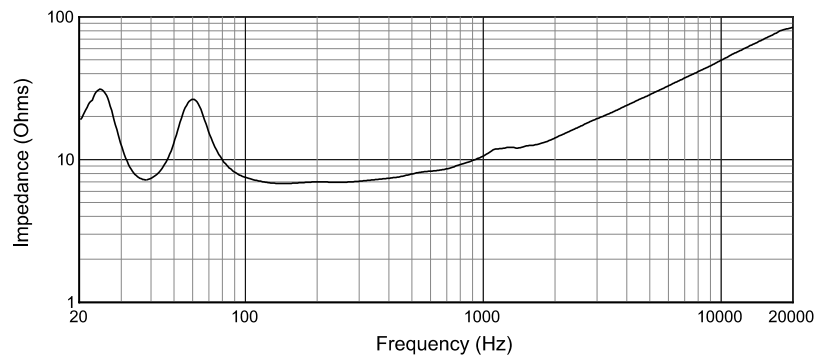
JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

# ▶ ASB6118 High Power Single 18" Subwoofer

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.

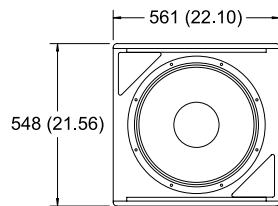


## Electrical Input Impedance

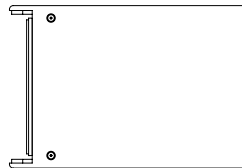


Dimensions in mm (in)

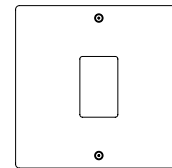
For more detailed dimensional information, refer to Application Data Sheet



Front



Side



Back



JBL Professional  
8500 Balboa Boulevard, P.O. Box 2200  
Northridge, California 91329 U.S.A.

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