

## Key Features:

- ▶ 2 x 18" 2042H Drivers.
- ▶ Large vent area for high output with low distortion.
- ▶ Parallel/Discrete Switchable input mode.
- ▶ Arrays with certain AE Series full-range model (see AE Series Array Guide).

## Applications:

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

ASB4128 is a medium power subwoofer system comprised of two 460 mm (18 in) low frequency drivers in a front-loaded, vented configuration. The deep, rectangular cabinet allows for extended low frequency bandwidth with minimum frontal profile. The enclosure is fitted with M10 threaded suspension points. Pre-engineered array bracketry is available.

ASB4128 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):	30 Hz – 1 kHz
Frequency Response (±3 dB):	40 Hz – 1 kHz
Input Modes:	Drivers Parallel / Drivers Discrete
Transducer Power Rating (AES) <sup>1</sup> :	1000 W (4000 W peak), 2 hrs
Long-Term System Power Rating <sup>2</sup> :	600 W (2400 W peak), 100 hrs
Maximum SPL:	30 Hz – 100 Hz: 133 dB-SPL cont avg (139 dB peak) 100 Hz – 500 Hz: 133 dB-SPL cont avg (139 dB peak)
System Sensitivity (dB-SPL, 1W @ 1m) <sup>3</sup> :	30 Hz – 100 Hz: 103 dB 100 Hz – 500 Hz: 103 dB
Nominal Impedance:	4 ohms in parallel-drive mode 2 x 8 ohms in discrete-drive mode
<b>Transducers:</b>	
Low Frequency Driver:	2 x JBL 2042H 460 mm (18 in) drivers with 75 mm (3 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, 3 each side, 2 rear), M10 threaded hardware
Finish:	Black DuralFlex™ 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):	1094 x 561 x 816 mm (43.1 x 22.1 x 32.2 in)
Net Weight:	64.9 kg (143 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.

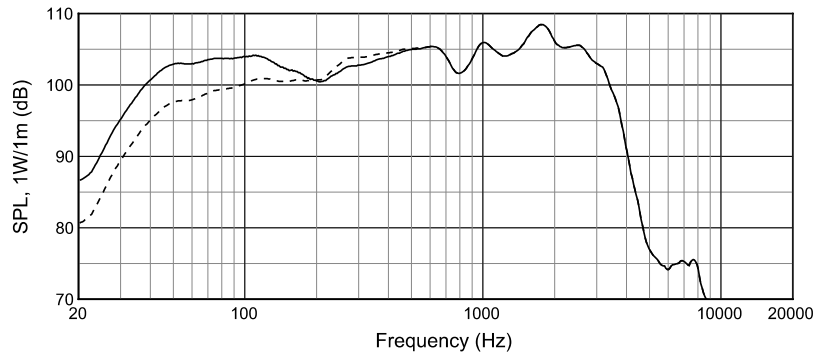
<sup>3</sup>Calculated based on power rating and sensitivity, exclusive of power compression.

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

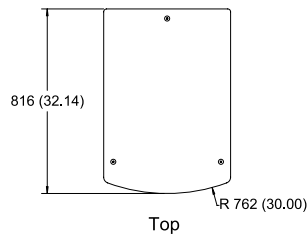
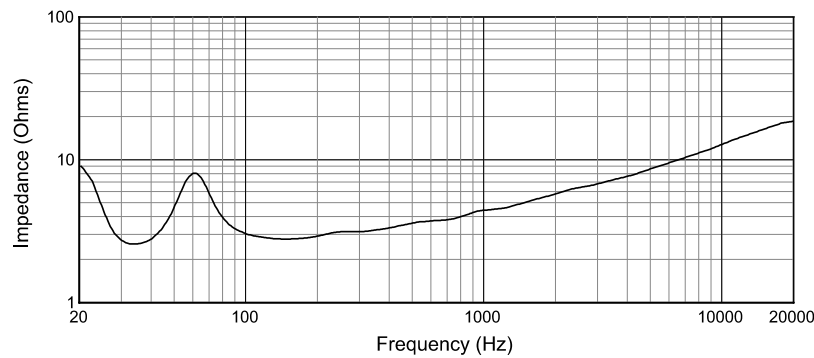
JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

## ▶ ASB4128 Dual 18" Subwoofer

Frequency response is measured on-axis at a distance referenced to 1 m @ 1 watt (2.0 Vrms) input, shown as half-space ( $2\pi$ , solid line) and full-space ( $4\pi$ , dotted line) environment.



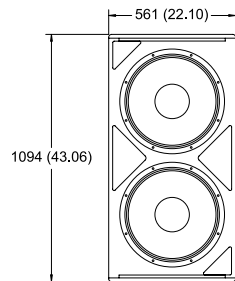
Electrical Input Impedance (parallel mode)



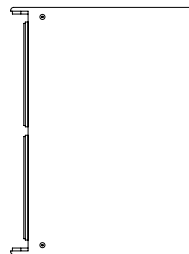
Dimensions in mm (in).

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

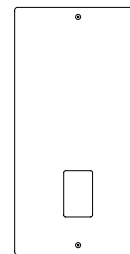
For AE & AE Compact Series WRC and WRX versions please visit the JBL Pro website at <http://www.jblpro.com/www/products/installed-sound/ae-series#.V63kVfkrLIV> to download Drawings.



Front



Side



Back



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