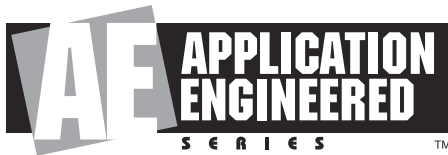


# ASB4128 Dual 18" Subwoofer



## 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):	1000 W (4000 W peak), 2 hrs
Long-Term System Power Rating <sup>2</sup> :	600 W (2400 W peak), 100 hrs
Maximum SPL <sup>3</sup> :	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):	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 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):	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.

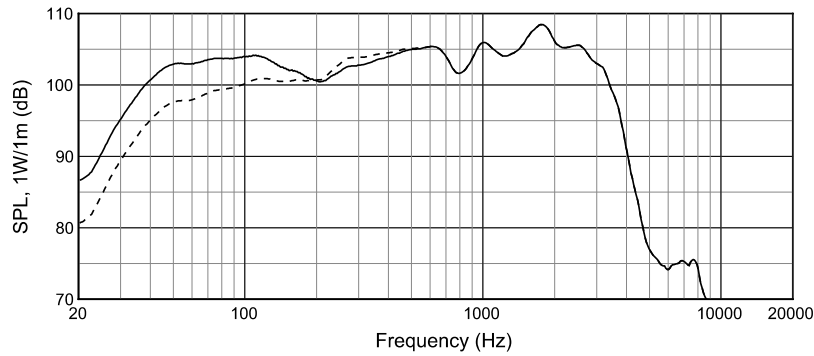
<sup>3</sup>Calculated based on power rating and half-space (2π) sensitivity, exclusive of power compression.

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

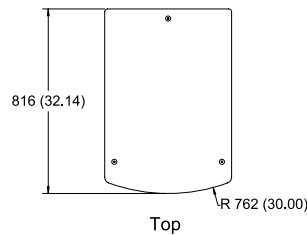
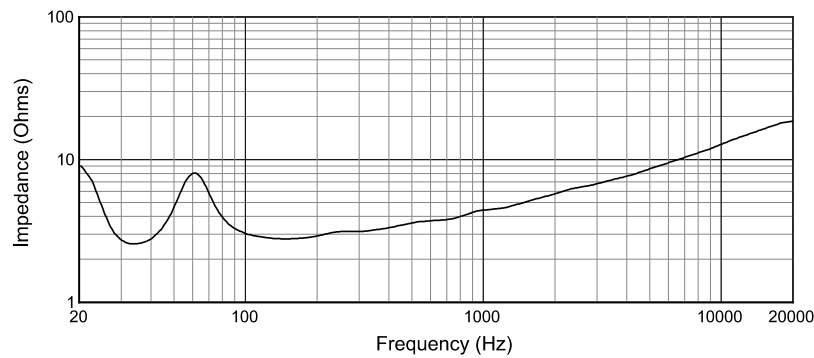
JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

## ▶ 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.

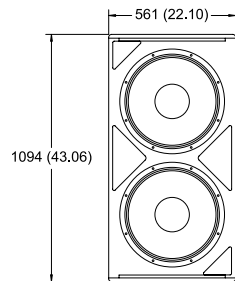


Electrical Input Impedance (parallel mode)

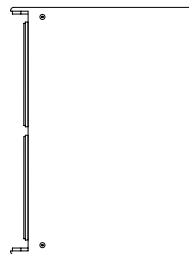


Dimensions in mm (in)

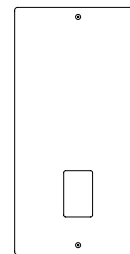
For more detailed dimensional information, refer to Application Data Sheet



Front



Side



Back



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

A Harman International Company  
© Copyright 2002 JBL Professional

SS ASB4128  
CRP 10M  
7/02