

Professional Series

Key Features:

- ▶ 2 x 2269H 18" Differential Drive® dual voice coil dual gap, neodymium magnet transducers
- ▶ 4000 watts continuous pink noise, 16000 watts peak power handling capacity
- ▶ Ultra Long Excursion
- ▶ Large vent area for high output with low distortion

The 5628 is a high power, lightweight front-loaded vented subwoofer enclosure housing two of JBL's exclusive 2269H Ultra Long Excursion 18" Differential Drive® woofers. This woofer features neodymium magnet, dual voice coils and dual gaps, JBL's exclusive Vented Gap Cooling™ and ultra robust composite cone for high excursion and extra long life. Woofer is capable of a peak-to-peak maximum excursion of 89 mm (3.5").

The enclosure is constructed of dense stock and is extensively braced on all panels.



Specifications:

System:	
Frequency Range (-10 dB):	18 Hz - 1.63 kHz (2π) / 19 Hz - 1.75 kHz (4π)
Frequency Response (± 3 dB):	24 Hz - 155 Hz (2π) / 27 Hz - 1.5 kHz (4π)
Input Modes:	Drivers Discrete
Transducer Power Rating ¹ :	4000 W (16000 W peak), 2 hrs.
Long-Term System Power Rating ² :	2400 W (9600 W peak), 100 hrs
Maximum SPL (1m) ³ :	134.5 dB (peak 140.5 dB) Half-space 128.5 dB (peak 134.5 dB) Full-space
System Sensitivity:	95 dB @ 2.00 V (1 W)
Nominal Impedance:	4 ohms in parallel-drive mode 2 x 8 ohms in discrete-drive mode
Transducers:	
Low Frequency Driver:	2 x 2269H, 460 mm (18 in) dia., 100 mm (4 in) Dual Coil Dual Gap neodymium Differential Drive®, VGC™ drivers
Physical:	
Enclosure:	19 mm (3/4 in) particle board with 25 mm (1 in) baffle and back panel. Extensive bracing on all panels.
Input Connector:	(2x) +/-Push Terminals for up to 12 AWG wire
Dimensions (H x W x D in)	762 x 1219 x 610 mm
vertical cabinet orientation:	(30.0 x 48.0 x 24.0 in)
Shipping Weight w/Packaging (ea.):	219 lb (99.5 kg)
Unit Weight (ea.):	199 lb (90.5 kg)

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.

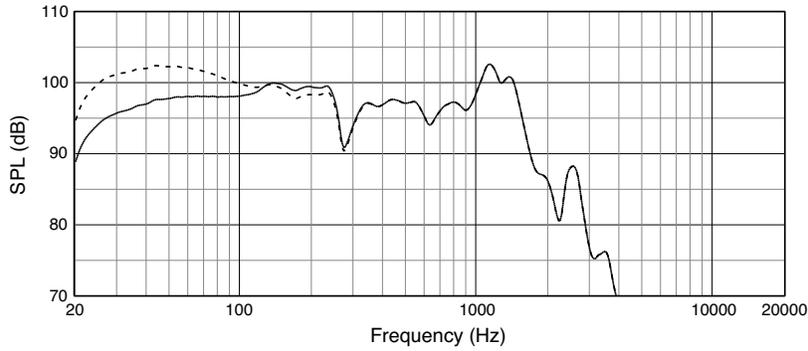
²AES standard, one decade pink noise with 6 dB crest factor, in cabinet, long-term 100 hr rating.

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

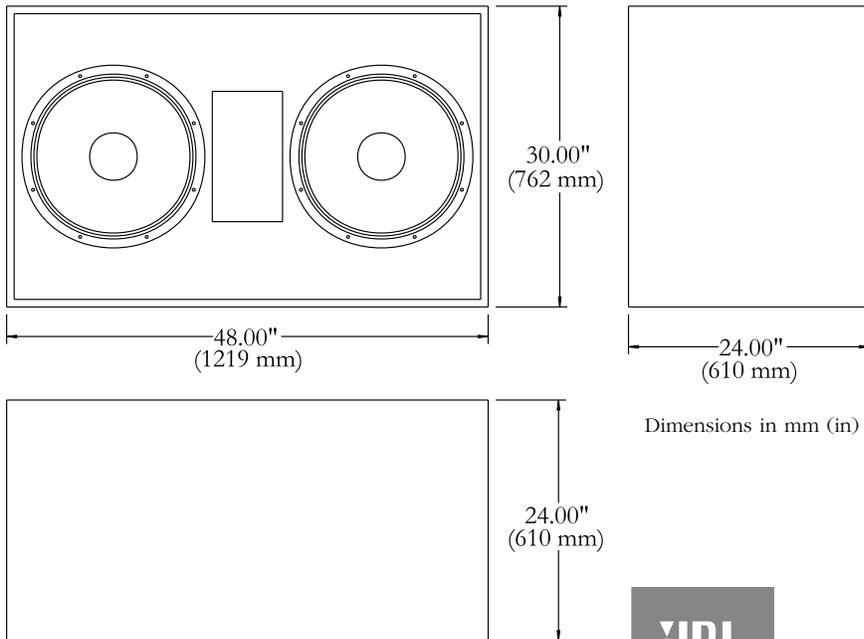
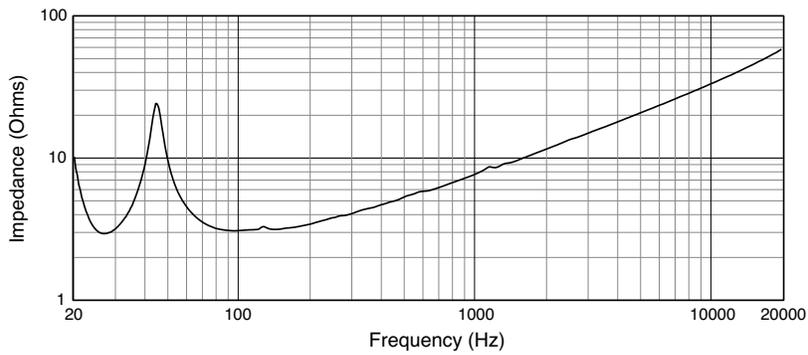
JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

► 5628 Ultra Long Excursion Very High Power Dual 18" Cinema Subwoofer

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



Electrical Input Impedance (parallel mode)



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