



PD5125 High Output, Dual 15" Low Frequency Loudspeaker

PD SERIES

precision directivity

Key Features:

- ▶ Two high power 380 mm (15 in) low frequency drivers mounted in individual vented chambers
- ▶ Low frequency extension to 40 Hz
- ▶ Enclosure dimensions compatible with all PD5000 and PD700 models

Applications:

- ▶ Performing Arts Facilities
- ▶ Live Theaters
- ▶ Auditoriums
- ▶ Houses of Worship
- ▶ Dance Clubs
- ▶ Sports Facilities



The PD5125 is a high power low frequency loudspeaker comprised of two 380 mm (15 in) VGC™ Vented Gap Cooled low frequency drivers in a front-loaded, vented configuration. The trapezoidal cabinet is fitted with M10 threaded suspension points.

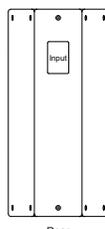
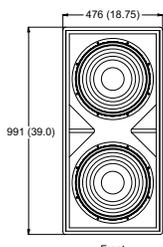
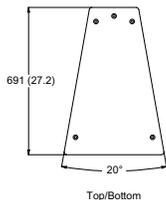
It is intended for use as a flown or ground supported, high power low frequency module used in conjunction with mid/high or fullrange systems of the PD5000 and PD700 series.

The PD5125 will perform well in any application where high output low bass is required.

Low frequency transducers are the 2226H 380 mm (15 in) VGC Vented Gap Cooled drivers. They deliver excellent low frequency extension with minimal power compression and low distortion plus high sensitivity and power handling. Large vent area assures minimal port compression and low distortion at high output levels.

Standard finish is black DuraFlex™, with white available as a no-cost option. Weather resistant and unpainted versions are also available. Contact your JBL Professional sales representative for information on other available options.

Dimensions:



Specifications:

Frequency Range (-10 dB):	37 Hz to 2.5 kHz
Frequency Response (±3 dB):	42 Hz to 2.1 Hz
Transducer Power Ratings (AES): ¹	2000 W (8000 W peak) 2 hrs
Long-Term System Power Rating: ²	1200 W (4800 W peak), 100 hrs.
Sensitivity (1W @ 1m):	50 Hz - 125 Hz 103 dB 125 Hz - 800 Hz 102 dB
Maximum SPL: ³	50 Hz - 125 Hz 136 dB-SPL cont ave (142 peak) 125 Hz - 800 Hz 135 dB-SPL cont avg (141 peak)
Input Modes:	Drivers Parallel/Drivers Discrete
Nominal Impedance:	4 ohms in parallel-drive mode 2 x 8 ohms in discrete drive mode
Transducers:	
Low Frequency Driver:	2 x JBL 2226H 380 mm (15 in) VGC drivers with 100 mm (4 in) voice coil
Physical:	
Enclosure:	Trapezoidal with 10 degree side angles, 16 mm (5/8 in) exterior grade 11-ply Finnish birch plywood
Suspension Attachment:	20 points (5 top, 5 bottom, 4 each side, 2 rear), M10 threaded hardware (eyebolts NOT included, see optional accessories)
Finish:	Black DuraFlex finish. White (-WH) available upon request.
Optional Weather Resistant Versions:	WRC for outdoor placement where the loudspeaker will be sheltered from direct exposure to the elements. WRX for direct exposure or extreme environments, such as tropical or beach, or in areas with salt air, extreme high humidity or rapid changes in temperature. See WRC/WRX configuration sheet for details.
Grille:	Powder coated 14 gauge perforated steel, acoustically transparent foam backing (grille cloth backing on white units)
Input Connectors:	Neutrik Speakon® NL4, plus 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. For higher environmental ratings, use WRC or WRX.
Dimensions	991 x 476 x 691 mm
(H x W x D in vertical orientation):	(39 x 18.75 x 27.2 in)
Net Weight:	53.4 kg (118 lb)
Optional Accessories:	229-00009-01 kit of three M10 x 35 mm forged shoulder steel eyebolts

¹ 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.

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

³ Half-space (2π) loading, average in specified frequency band.

⁴ Calculated based on power rating and sensitivity, exclusive of power compression.

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