



PD525S

High Output, Dual 15" Low-Frequency / Subwoofer Loudspeaker

Features:

- ▶ Two high power 380 mm (15 in) low frequency drivers
- ▶ Low frequency extension to 40 Hz
- ▶ Enclosure dimensions compatible with all PD500 Series models

Applications:

- ▶ Sports Facilities
- ▶ Performance spaces
- ▶ Auditoriums
- ▶ Worship facilities

The PD525S is a high power low frequency loudspeaker comprised of two 380 mm (15 in) Dual Coil - Dual Gap Differential Drive[®], 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 high power low frequency module used in conjunction with all full-range PD500 Series loudspeakers.

The PD525S will perform well in any application where high output low-frequency is required.

The dual 2275H low-frequency drivers deliver excellent low frequency extension with minimal power compression and low distortion plus high sensitivity and power handling. Multiple vents 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.



Specifications:

Frequency Range ¹ (-10 dB):	28 Hz to 3.8kHz			
Frequency Response ¹ (±3 dB):	40 Hz to 1.1kHz			
Coverage Pattern:	500 Hz	1000 Hz	2000 Hz	4000 Hz
Horizontal:	74°	50°	21°	12°
Vertical:	74°	50°	21°	12°
Transducer Power Ratings (AES) ¹ :	2000 W (8000 W peak) 2 hrs			
System Power Rating ² :	1000 W, 100 hrs			
Sensitivity (1W @ 1m) ³ :	102 dB (avg 40-1kHz)			
System Sensitivity (1W @ 4m):	90 dB SPL			
Maximum SPL ⁴ :	135 dB cont (141 dB 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 2275H 380 mm (15 in) Dual Coil - Dual Gap Differential Drive [®] , drivers with 75mm (3") voice coil			
Physical:				
Enclosure:	Trapezoidal with 10 degree side angles, 18 mm 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 backing			
Input Connectors:	CE-compliant covered barrier strip terminals. Barrier terminals accept up to 5.2 sq mm (10 AWG) wire or max width 8 mm (.315 in) spade lugs. This input connectivity applies to all PD500 models, including WRC & WRX versions.			
Environmental Specifications:	IP55C per IEC 529			
Dimensions (H x W x D in vertical orientation):	782.0 x 783.0 x 670.0 mm (30.8 x 30.8 x 26.4 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.

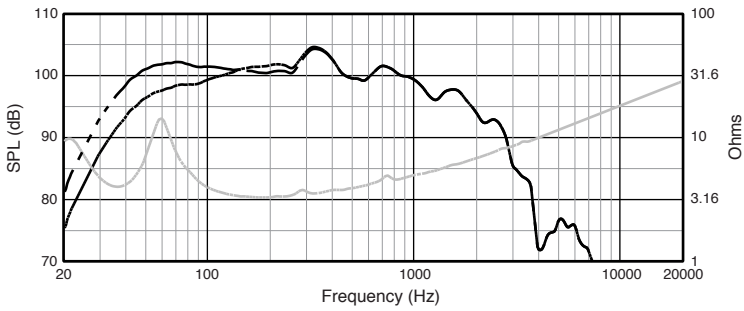
² AES standard, one decade pink noise with 6 dB crest factor, in cabinet, long-term 100 hr rating.

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

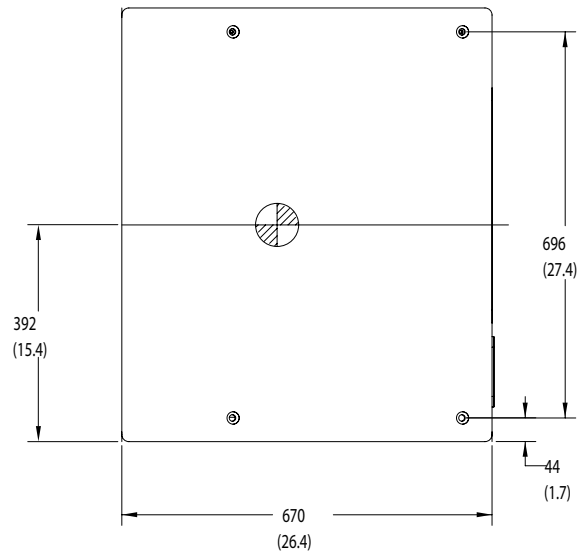
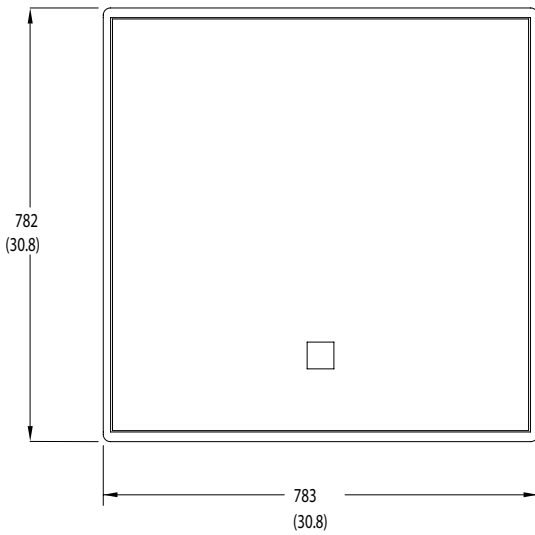
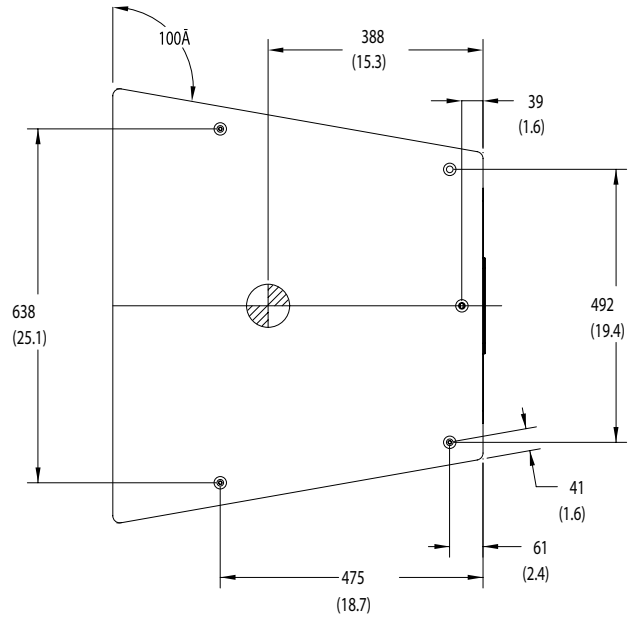
⁴ Calculated based on power rating and sensitivity, exclusive of power compression.

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Frequency Response (Main Tuning)



Dimensions:



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