

PRX415M-WH 15" 2-Way White Utility/Stage Monitor Loudspeaker System

Key Features:

- ▶ 15" high-power woofer
- ▶ 1" polymer diaphragm compression driver
- ▶ 90° x 50° coverage
- ▶ Heavy Duty 16-gauge protective cloth-backed steel grille
- ▶ Tough DuraFlex™ enclosure finish

Applications:

- ▶ Speech reinforcement
- ▶ Live performance stage monitoring
- ▶ Reinforcement of vocal and acoustic music

The PRX415M-WH is high-power, light-weight two-way loudspeaker system offering a very high level of performance. The PRX415M-WH is comprised of a 380 mm (15 in) woofer which handles 300 watts (continuous) power. For the high frequencies, the 2414H-C 25 mm (1 in) polymer diaphragm compression driver is mounted to a 90° x 50° horn.

This version is designed for use as a floor monitor or for overhead suspension in a permanent installation application where white enclosures are desirable.

A passive network provides accurate reproduction throughout the crossover region.

The enclosure is constructed of birch/poplar multi-laminate hardwood and coated in JBL's rugged DuraFlex™ finish. The distinctive 16-gauge steel grille is CNC-machined for precision. The grilles are internally lined with an acoustically transparent screen to provide additional driver protection and give a very professional appearance.



Preliminary Specifications:

Frequency Range (-10 dB) ¹ :	55 Hz - 19 kHz
Frequency Response (±3 dB) ¹ :	66 Hz - 16 kHz
Coverage Pattern:	90° x 50° nominal
Crossover Mode:	Passive
Crossover Frequency:	2.2 kHz
Power Rating ² : (Continuous/Program/Peak)	300 W/ 600 W/ 1200 W, 2 hrs
Maximum SPL ³ :	122 dB SPL continuous (128 dB SPL peak)
System Sensitivity (1w @ 1m):	98 dB SPL
LF Driver:	1 x JBL M115-8A 380 mm (15 in) Differential Drive® woofer
HF Driver:	1 x JBL 2414H-C 25 mm (1 in) polymer diaphragm, compression driver
Nominal Impedance:	8 ohms
Enclosure:	Asymmetrical, 18 mm, birch/poplar plywood
Suspension / Mounting:	Twelve M10 Suspension points
Transport:	One recessed handle located on top panel
Finish:	White DuraFlex™ finish
Grille:	Powder coated, white, 16-gauge perforated steel with acoustically transparent white backing.
Input Connectors:	Neutrik® Speakon® NL2 x 2
Dimensions (H x W x D):	647.7 mm x 429.8 mm x 457.5 mm (25.5 in x 16.9 in x 18 in)
Net Weight:	21.0 kg (46 lb)
Optional Accessories:	M10 x 35 mm forged shoulder eyebolts with washers

¹ Based on 2π acoustical loading.

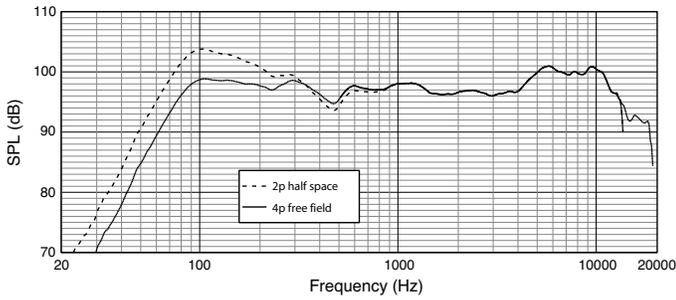
² IEC standard, full bandwidth pink noise with 6 dB crest factor for specified period

³ Calculated based on power rating and sensitivity

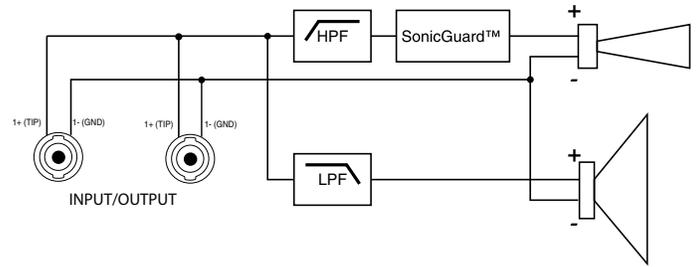
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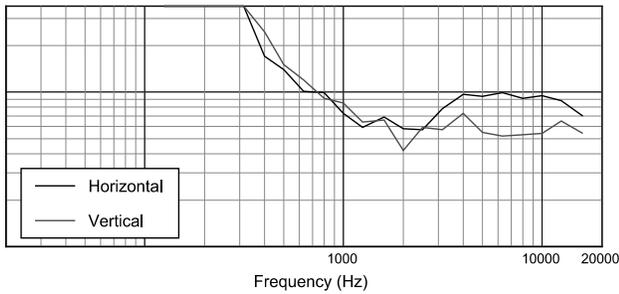
Frequency Response:



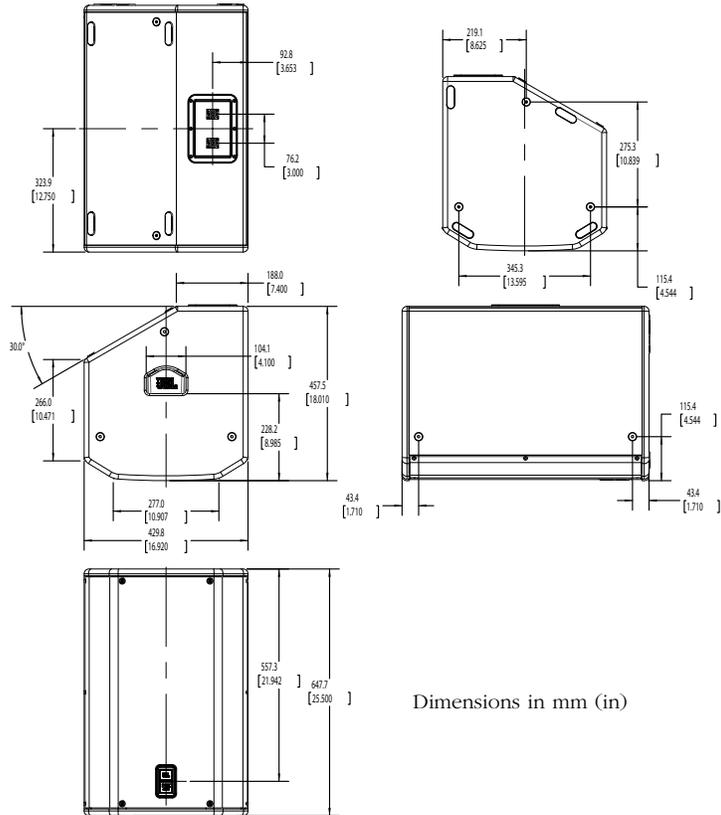
Block Diagram:



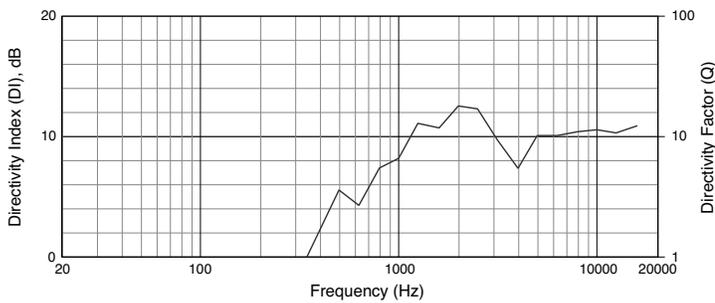
Beamwidth:



Dimensions:



Directivity Index:



Dimensions in mm (in)



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