

PRX412M-WH 12" 2-Way White Utility/Stage Monitor Loudspeaker System

Key Features:

- ▶ 12" woofer
- ▶ 1" polymer diaphragm compression driver
- ▶ Compact and low-profile for minimal obstruction of audience sight-lines
- ▶ 90° x 50° coverage for even and smooth response on and off axis
- ▶ Heavy Duty 16-gauge protective screen-backed steel grille
- ▶ Tough DuraFlex™ enclosure finish

Applications:

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

The PRX412M-WH is a premium, utility/monitor speaker. The PRX412M-WH uses a 305 mm (12 in) woofer and a 2414H-C 25 mm (1 in) polymer diaphragm compression driver for 300 watts (continuous) power capacity. A 90° x 50° horn provides smooth, even coverage whether used in the vertical (mains) or horizontal (monitor) orientation.

NL-2 and ¼" phone combination connectors are provided. A passive network provides accurate reproduction throughout the crossover region.

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

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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 :	50 Hz - 20 kHz
Frequency Response (±3 dB) ¹ :	62 Hz - 19 kHz
Coverage Pattern:	90° x 50° nominal
Crossover Mode:	Passive
Crossover Frequency:	2.0 kHz
Power Rating ² :	300 W/ 600 W/ 1200 W, 2 hrs (Continuous/Program/Peak)
Maximum SPL ³ :	120 dB SPL continuous (126 dB SPL peak)
System Sensitivity (1w @ 1m):	95 dB SPL
LF Driver:	1 x JBL MB112-8 305 mm (12 in) woofer
HF Driver:	1 x JBL 2414H-C 25 mm (1 in) polymer diaphragm, compression driver
Nominal Impedance:	8 ohms
Enclosure:	Asymmetrical stage monitor, 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:	Parallel Neutrik® Speakon® NL2 x 2
Dimensions (H x W x D):	573.5 mm x 352.8 mm x 398.6 mm (22.6 in x 13.9 in x 15.7 in)
Net Weight:	16 kg (35 lbs)
Optional Accessories:	M10 x 35mm forged shoulder eyebolts with washers

¹ Based on 2π acoustical loading.

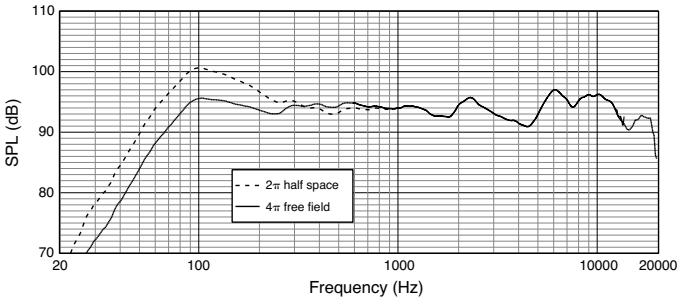
² IEC standard, full bandwidth pink noise with 6 dB crest factor for specified period

³ Calculated based on power rating and sensitivity

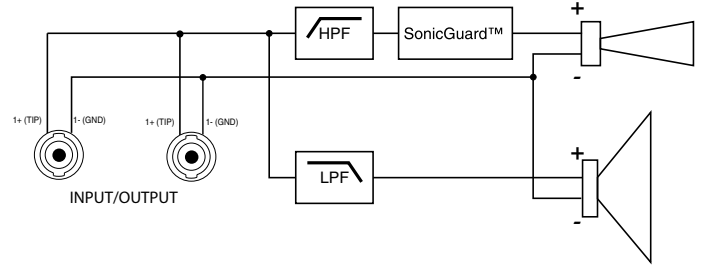
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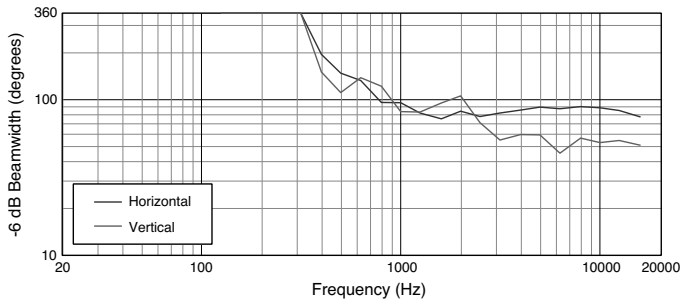
Frequency Response:



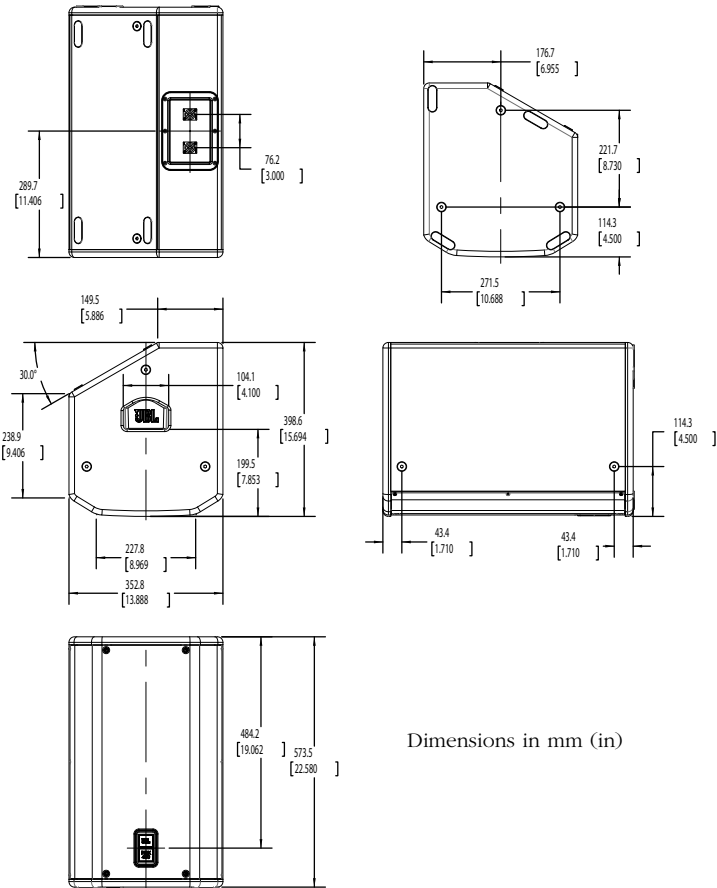
Block Diagram:



Beamwidth:

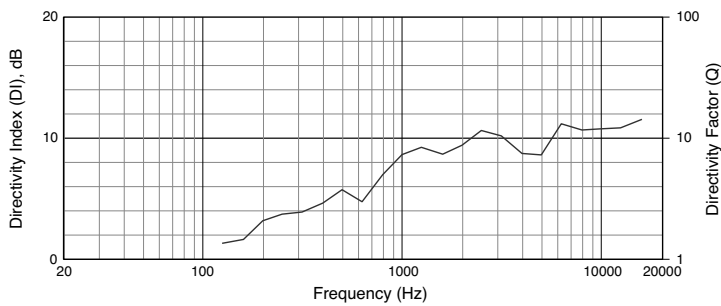


Dimensions:



Dimensions in mm (in)

Directivity Index:



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