PRX415M 15" Two-Way Stage Utility/Monitor

Key Features:

- 15" high-power woofer
- 1" polymer diaphragm compression driver
- 90° x 50° coverage
- Dual-angle pole socket for applications requiring tripod mounting.
- Heavy Duty 16-gauge protective screen-backed steel grille
- Tough DuraFlex™ enclosure finish

Applications:

- Reinforcement of music and speech in entertainment, live or pre-recorded applications
- Live performance stage monitoring
- High-performance satellite speaker for use with subwoofers

The PRX415M is high-power, light-weight two-way loudspeaker system offering a very high level of performance from a speaker that can be placed on a pole or standard speaker tripod stand. The PRX415M 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.

For use on a tripod or over a subwoofer, JBL's dual angle pole mount is included. This feature allows the speaker to be mounted in a vertical position or with a 10° down tilt for optimum audience coverage.

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.



Specifications:

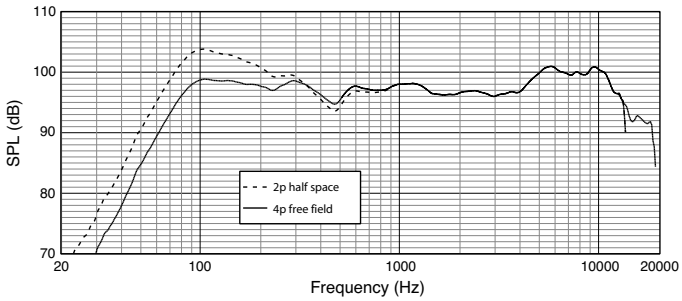
Frequency Range (-10 dB)[1]:	55 Hz - 19 kHz
Frequency Response (±3 dB)[1]:	66 Hz - 16 kHz
Coverage Pattern:	90° x 50° nominal
Crossover Mode:	Passive
Crossover Frequency:	2.2 kHz
Power Rating[2]:	300 W/ 600 W/ 1200 W, 2 hrs (Continuous/Program/Peak)
Maximum SPL[3]:	122 dB SPL continuous (128 dB SPL peak)
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:	Dual angle (0° or -10°) 35 mm pole socket Twelve M10 Suspension points
Transport:	Glass filled nylon handle with rubber grip
Finish:	Black DuraFlex™ finish
Grille:	Powder coated, black, 16-gauge perforated steel with acoustically transparent black screen backing.
Input Connectors:	Neutrik® Speakon® NL-2 / ¼" combination (x2)
Dimensions (H x W x D):	650 mm x 429 mm x 457 mm (25.6 in x 16.9 in x 18 in)
Net Weight:	21.0 kg (46 lb)
Optional Accessories:	SS2-BK: Tripod speaker stand SS4-BK: Satellite speaker stand

[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

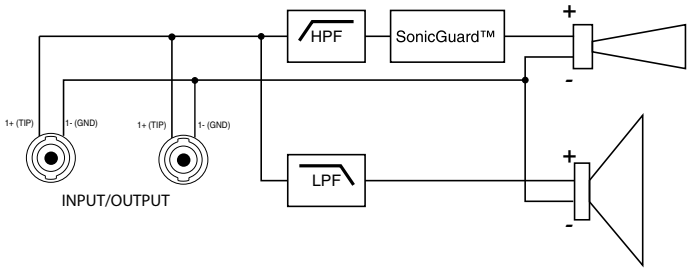
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PRX415M 15" High-Power, Two-Way Speaker

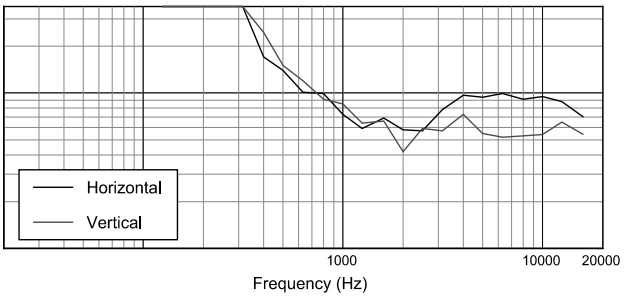
Frequency Response:



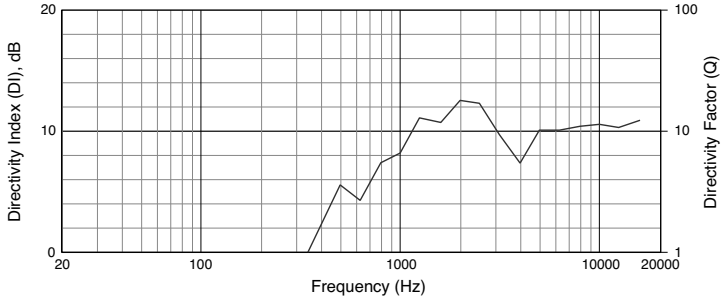
Block Diagram:

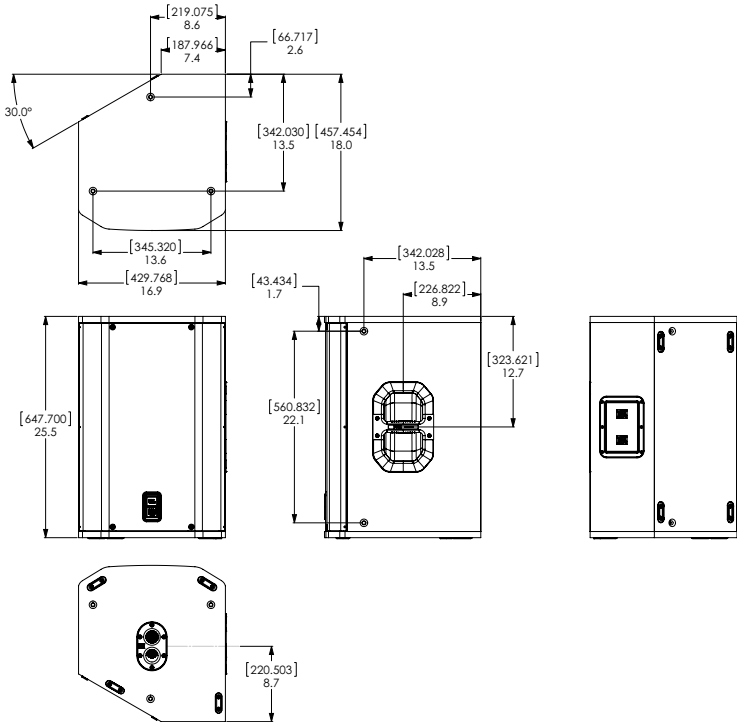


Beamwidth:



Directivity Index:





Dimensions in mm (in)

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