# 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:

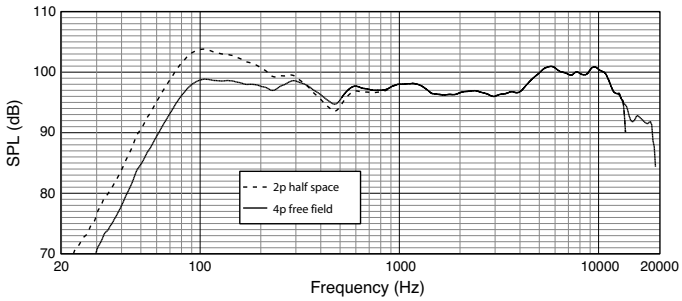
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|---|---|
| Frequency Range (-10 dB)[1]: | 55 Hz - 19 kHz |
| Frequency Response (±3 dB)[1]: | 66 Hz - 16 kHz |
| Coverage Pattern: | 90° x 50° nominal |
| Crossover Mode: | Passive |
| Crossover Frequency: | 2.2 kHz |
| Power Rating[2]: | 300 W/ 600 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<br>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<br>(25.6 in x 16.9 in x 18 in) |
| Net Weight: | 21.0 kg (46 lb) |
| Optional Accessories: | SS2-BK: Tripod speaker stand<br>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

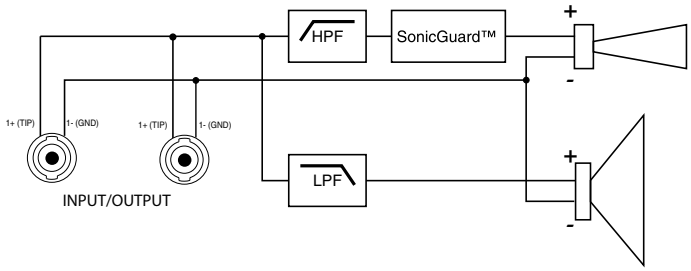
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# PRX415M 15" High-Power, Two-Way Speaker

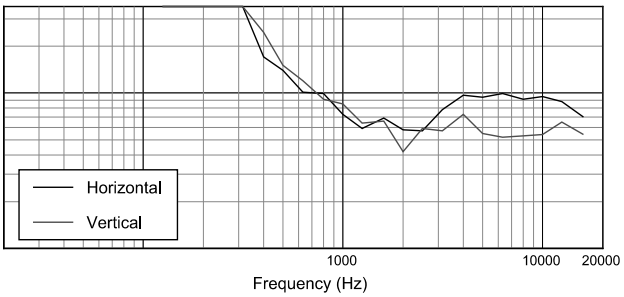
## Frequency Response:



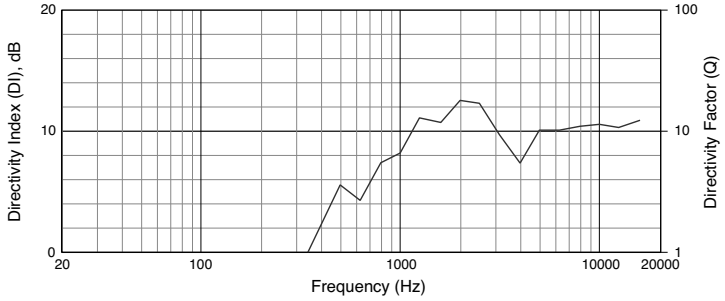

## Block Diagram:

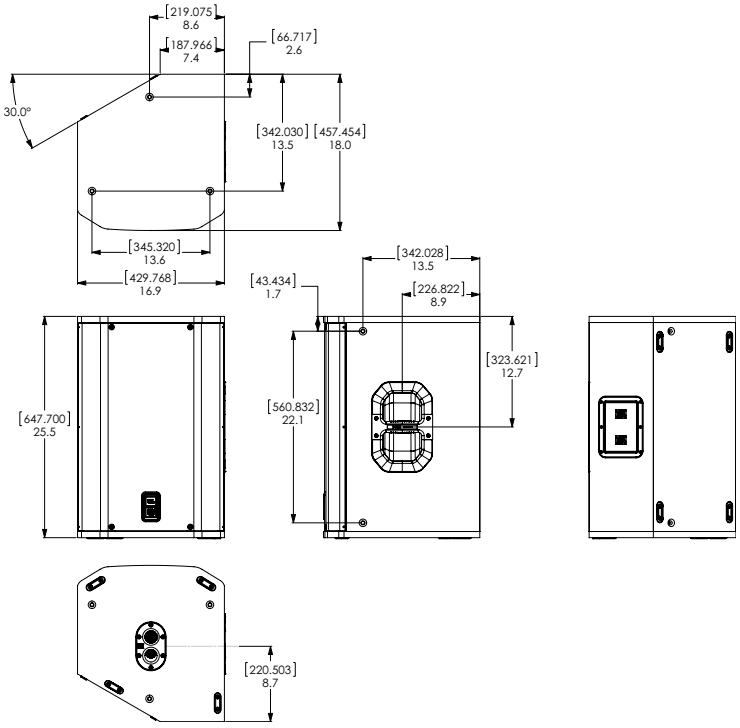



## Beamwidth:




## Directivity Index:




Dimensions in mm (in)


JBL Professional
8500 Balboa Boulevard, P.O. Box 2200
Northridge, California 91329 U.S.A.



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