

JBL PRX712 1500W Two-Way Multipurpose Self-Powered Speaker (12")

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Rentex Product No. SPK0410



Mfr Part No. PRX712

PRX712 is a compact and versatile speaker in the PRX700 Series. It has been designed to deliver maximum performance for its weight and size as both a stage monitor and a front of house main PA.

The PRX712 is comprised of a 12" Differential Drive® woofer, a 2408H-1, 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver mounted to a 90° by 50° horn, all driven by 1500 watt Class-D digital power amplifier. Sophisticated DSP is at the core of a fully featured input section, providing user selectable system EQ, protection, input sensitivity selection, cross-over functionality, dynamic limiting and discrete component optimization.

The amplifier input panel offers XLR or ¼ inch jack compatibility and a sensitivity switch provides extra flexibility, making it possible to connect literally any sound source without using a mixer.

Features

- 135 dB peak SPL
- 12" Differential Drive® low-frequency driver for low-distortion and higher SPL
- DSP input section, crossover, dynamic limiting, component optimization, selectable system EQ
- Professional XLR-1/4" combination inputs, RCA inputs, and XLR loop-through

Detailed Specifications

Power Rating	1500 W	Maximum SPL	Normal: 135 dB Boost: 135 dB
Frequency Range (-10 dB)	Main: 44.8 Hz – 19.6 kHz Monitor: 44.8 Hz – 19.5 kHz	Finish	Obsidian DuraFlex™ finish
Frequency Response (±3 dB)	Main: 55.7 Hz – 18.2 kHz Monitor: 56.5 Hz – 17.7 kHz	Grill	Powder coated, Obsidian, 16 gauge perforated steel with acoustical transparent black cloth backing
Coverage Pattern	90° x 50° nominal	Input Connectors	2 x Balanced XLR / 1/4 inch input, 2 x unbalanced RCA input
Directivity Index (DI)	10.2 dB	Output Connectors	1 male XLR balanced output
Directivity Factor (Q)	10.4	Dimensions	612.394 mm x 384.556 mm x 341.376 mm (24.11 in x 15.14 in x 13.44 in)
Crossover Frequency	1.8 kHz	Weight	19.4 kg (42.5 lb.)
Dynamic Control (Input)	dbx Type IV™ limiter circuit		
Input Impedance	20K Ohms (balanced), 10K Ohms (unbalanced)		
LF Driver	1 x JBL 272G 305mm (12 in) woofer		
HF Driver	1 x JBL 2408H-2 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver		
Enclosure	Asymmetrical, 18 mm, plywood		
Suspension / Mounting	Dual 36 mm pole socket, 12 x M10 Suspension Points		
Transport	1 x injection molded handles with backing cup		