

PRX925

Professional Powered Two-Way 15-Inch PA Loudspeaker



SPEC SHEET



PRODUCT HIGHLIGHTS

- **Transducers:**
 - 915H 15" ferrite magnet woofer
 - JBL 2408H-1 1.5" poly-annular diaphragm compression driver
- **Updated JBL image control waveguides** improve dispersion
- **FEA flared port design** reduces air noise and distortion
- **Low-noise, low-distortion gain** staging design
- Lightweight, efficient **Class D amplification**
- **Power:** 2,000 watts peak/1,000 watts RMS
- **Frequency response:** 43 Hz–20 kHz @4π (-10 dB); 54 Hz–17 kHz @4π (-3 dB)
- **Dispersion:** 90° x 50°
- **Max SPL:** 137.7 dB
- **Crossover frequency:** 1,700 Hz
- **Color LCD screen** provides access to comprehensive DSP suite
- **DriveRack Technology** includes Automatic Feedback Suppression, system limiter and 180ms of speaker delay in 100-microsecond intervals for time-aligned systems
- **Optimized presets** for pairing full-range speakers with subwoofers
- **Quiet fanless operation**

www.jblpro.com

OVERVIEW

The **JBL PRX925**, part of the PRX900 Series of powered loudspeakers and subwoofers, takes professional portable PA performance to a new level with advanced acoustics, comprehensive DSP, unrivaled power performance and durability, and complete BLE control via the JBL Pro Connect app.



REAR PANEL CONNECTIONS

- **JBL Pro Connect app** allows full system control of up to 10 speakers and line integration with JBL EON ONE MK2, PRX ONE, EON700, and PRX900 systems
- **Birch cabinets** with updated bracing optimized for acoustic performance and durability
- **I/Os:**
 - 2 XLR balanced Combo jacks
 - 1 3.5mm aux
 - 2 XLR-M loop-through
 - 1 XLR-M mix out
- **Two integrated handles** (top and side)
- **Suspension/mounting:** single 36mm pole mount, eight M10 suspension points
- **Ultra-low system latency:** <1ms
- **Net weight:** 37.3 kg (82.2 lbs); **Gross weight:** 43 kg (94.8 lbs)
- **Dimensions:** 1058.5 x 446 x 434 mm (41.7 x 17.6 x 17.1 in)
- **Shipping dimensions:** 1110 x 535 x 535 mm (43.7 x 21.0 x 21.0 in)
- Backed by **industry-leading seven-year warranty**

PRX925



Professional Powered Two-Way 15-Inch PA Loudspeaker

SPEC SHEET

SPECIFICATIONS

System Type	15-Inch Two-Way Powered Loudspeaker	Cooling	Natural Convection No Fan
Woofers Model	915H	LED Indicators	x3 SSM Input Levels and Limit
Woofers Size	15"	Input Impedance	100K Ω Balanced
Woofers Magnet	Ferrite	Input Gain	0 - 36 dB Gain, 0-12 dB on Aux In
Woofers Voice Coil	2.5"	Crossover Freq	1700 Hz
Tweeters Model	2408H-1	I/O	x2 Combo Inputs and x1 3.5 mm Stereo Jack x2 XLR Through Out and x1 Mix Out
Tweeters Size	1.5"	Cabinet	Trapezoidal, 18 mm Plywood
Tweeters Magnet	Neodymium	Grille	Powder Coated Steel, T=1.5mm
Transducer Impedance	Rated: Woofers: 8 Ω Tweeters: 8 Ω	Suspension/ Mount	8x M10 Suspension Point and Single 36 mm Pole Mount
Max SPL	137.7 dB	Handles	Side Handle x2
Freq Range -10	43 Hz - 20 kHz (4 π)	Net Weight	37.3 kg (82.2 lbs)
Freq Range -3	54 Hz - 17 kHz (4 π)	Gross Weight	43 kg (94.8 lbs)
Hor Dispersion	90°	Product Dims	1058.5 x 446 x 434 mm (41.7 x 17.6 x 17.1 in) (H x W x D)
Vert Dispersion	50°	Shipping Dims	1110 x 535 x 535 mm (43.7 x 21.0 x 21.0 in) (H x W x D)
Power Rating	2000W Peak		
AC Power Input	100 - 230 Vrms 50 - 60Hz		

PRODUCT FEATURES

All-New Acoustic Designs

From cone to cabinet, the PRX925 has been built from the ground up to leverage the latest JBL acoustic innovations. A patented JBL 2408H-2 1.5" compression driver with poly-annular diaphragm and neodymium magnet provides clear, detailed high-frequency response even at maximum volume. Innovative new horns with updated JBL Image Control Waveguides provide optimum beamwidth and directivity. A next-generation woofer with ferrite magnet delivers smooth, natural bass and mids.

Power That Performs for You

PRX900 systems effortlessly support large performance spaces with high power and performance needs. Driven by a highly efficient 2,000W (peak) Class D power amp, PRX925 provides acoustic clarity and definition with minimal power compression, even at maximum volume. A bridged woofer amp keeps current spikes out of the ground and lowers crosstalk harmonics to the compression driver, and a power factor correction (PFC) power supply stabilizes voltage load sent to the amplifier. High-quality, high-linearity inductors deliver high power efficiency and low total harmonic distortion, and low-noise, low-distortion input gain staging optimizes range and headroom for a diverse gain requirements. A high-quality DAC and ADC provide near-lossless audio conversion. And with a full-bandwidth CMRR (Common Mode Rejection Ratio) greater than 55 dB and THD (total harmonic distortion) rating of <32 dB, system noise is virtually nonexistent.

Dial In Your Sound With Class-Leading DSP

PRX925 is fully loaded with comprehensive DSP, all accessible via the JBL Pro Connect app and onboard full-color LCD. Processing includes 12-band parametric EQ and optimized system presets.

Onboard dbx DriveRack technology features live and fixed Automatic Feedback Suppression, soft system limiters and 180ms of speaker delay in 100-microsecond intervals for precise time-aligned systems.

Versatile and Scalable

Combine PRX900 Series loudspeakers and subwoofers in a range of configurations to meet the needs of both mobile scenarios and fixed installs. PRX925 features dual 36mm pole sockets and eight M10 suspension points.

Part of the Pro Connect Ecosystem

The JBL Pro Connect app offers BLE functionality for system control of up to 10 speakers and line integration with JBL EON ONE MK2, PRX ONE and EON700 loudspeakers. The app provides full access to the PRX900 series' DSP package, and users can easily mute channels and speakers with the touch of a button and can change speaker names and flash all unit LEDs for ease of speaker identification. App-exclusive features include speaker snapshots and groupings.

Rugged and Road-Worthy

PRX925 components are housed in a strong, lightweight enclosure that maximizes both acoustic performance and durability. The cabinet is constructed from rugged 18-ply birch, with newly designed optimized internal bracing for premium acoustic performance. Cabinets are also coated with JBL patented Duraflex® paint for enhanced durability.

In It for the Long Haul

Like every JBL product, the PRX925 undergoes an industry-leading 100-hour stress test of all components to ensure systems perform beyond expectations in real-world scenarios. It's so reliable that it's backed with an unprecedented seven-year warranty.

PRX925



Professional Powered Two-Way 15-Inch PA Loudspeaker

SPEC SHEET

PRODUCT DIMENSIONS ■



HARMAN Professional 8500 Balboa Blvd. Northridge, CA 91329 USA

© 2024 HARMAN International Industries, Incorporated. All rights reserved.
Features, specifications and appearance are subject to change without notice.

www.jblpro.com

Issued: 10/2024