

# PRX915

Professional Powered Two-Way 15-Inch PA Loudspeaker

JBL

PROFESSIONAL  
by HARMAN

## SPEC SHEET



## OVERVIEW

The **JBL PRX915**, 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

## PRODUCT HIGHLIGHTS

- **Transducers:**
  - 915G 15" ferrite magnet woofer
  - JBL 2408H-2 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:** 48 Hz–19 kHz @4π (-10 dB); 60 Hz–16 kHz @4π (-3 dB)
- **Dispersion:** 90° x 50°
- **Max SPL:** 133 dB
- **Crossover frequency:** 1,920 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

- **JBL Pro Connect app** allows full system control of up to 10 speakers and line integration with JBL EON ONE MK2, PRX ONE, and EON700 systems
- **G-Sensor Automatic Position Detect** optimizes tuning based on main or monitor orientation
- **Polypropylene/talc composite cabinet** is optimized for rigidity 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:** dual 36mm pole socket, six M10 suspension points
- **Ultra-low system latency:** <1ms
- **Net weight:** 24.1 kg (53.1 lbs); **Gross weight:** 28.7 kg (63.3 lbs)
- **Dimensions:** 717 x 465 x 383 mm (28.2 x 18.3 x 15.08 in)
- **Shipping dimensions:** 749 x 574 x 495 mm (29.5 x 22.6 x 19.5 in)
- Backed by **industry-leading seven-year warranty**

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#### SPECIFICATIONS

<b>System Type</b>	15-Inch Powered Loudspeaker	<b>Cooling</b>	Natural Convection No Fan
<b>Woofers Model</b>	915G	<b>LED Indicators</b>	x3 SSM Input Levels and Limit
<b>Woofers Size</b>	15"	<b>Input Impedance</b>	100K $\Omega$ Balanced
<b>Woofers Magnet</b>	Ferrite	<b>Input Gain</b>	0 - 36 dB Gain
<b>Woofers Voice Coil</b>	2.5"	<b>Crossover Freq</b>	1920 Hz
<b>Tweeter Model</b>	2408H-2	<b>I/O</b>	x2 Combo Inputs and x1 3.5 mm Stereo Jack x2 XLR Through Out and x1 Mix Out
<b>Tweeter Size</b>	1.5"	<b>Cabinet</b>	PP + 10% Talc
<b>Tweeter Magnet</b>	Neodymium	<b>Grille</b>	Powder Coated Steel, T=1.5mm
<b>Transducer Impedance</b>	<b>Rated:</b> Woofers: 4 $\Omega$ Tweeter: 8 $\Omega$	<b>Suspension/ Mount</b>	6x M10 Suspension Point and Pole Mount
<b>Max SPL</b>	133 dB	<b>Handles</b>	Top Handle and Side Handle
<b>Freq Range -10</b>	48 Hz - 19 kHz (4 $\pi$ )	<b>Net Weight</b>	24.1 kg (53.1 lbs)
<b>Freq Range -3</b>	60 Hz - 16 kHz (4 $\pi$ )	<b>Gross Weight</b>	28.7 kg (63.3 lbs)
<b>Hor Dispersion</b>	90°	<b>Product Dims</b>	717 x 465 x 383 mm (28.2 x 18.3 x 15.1 in)
<b>Vert Dispersion</b>	50°	<b>Shipping Dims</b>	749 x 574 x 495 mm (29.5 x 22.6 x 19.5 in)
<b>Power Rating</b>	2000W Peak / 1000W RMS		
<b>AC Power Input</b>	100 - 230 Vrms 50 - 60Hz		

#### PRODUCT FEATURES

##### All-New Acoustic Designs

From cone to cabinet, the PRX915 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. High-quality NTC thermistors protect transducers by reducing power sent to transducers when approaching thermal limit. 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, PRX915 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

PRX915 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. PRX915 features dual 36mm pole sockets and six M10 suspension points. A built-in gyrosensor automatically optimizes system tuning depending on monitor or mains placement.

##### 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

PRX915 components are housed in a strong, lightweight enclosure that maximizes both acoustic performance and durability. Its cabinet is constructed from a polypropylene/talcum blend that's optimized for rigidity, with a computer-modeled internal ribbing design for maximum structural integrity and minimum cabinet noise.

##### In It for the Long Haul

Like every JBL product, the PRX915 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.

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### PRODUCT DIMENSIONS ■



HARMAN Professional 8500 Balboa Blvd. Northridge, CA 91329 USA

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