

# PRX918XLF

Professional Powered 18-Inch Subwoofer



## SPEC SHEET



## OVERVIEW

The **JBL PRX918XLF**, part of the JBL PRX900 Series 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:**
  - 918SG 18" ferrite magnet woofer with 4" voicecoil
- **FEA flared port design** reduces air noise and distortion
- Lightweight, efficient **Class D amplification**
- **Power:** 2,000 watts peak/1,000 watts RMS
- **18mm birch cabinet** features optimized bracing for smooth low-frequency response
- **Frequency response:** 30 Hz–110 Hz @2pi (-10 dB); 35 Hz–92 kHz @2pi (-3 dB)
- **Max SPL:** 134 dB
- **Color LCD screen** provides access to comprehensive DSP suite
- **DriveRack Technology** includes 180ms of speaker delay in 100-microsecond intervals for time-aligned systems
- **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
- **Optimized presets** for pairing with full-range speakers
- **I/Os:**
  - 2 XLR balanced Combo jacks
  - 2 XLR pass-through outs
- **Two side handles**
- **Mount:** M20 pole cup
- **Cabinet features optimized bracing** for smooth low-frequency response
- **Quiet fanless** operation
- **Ultra-low system latency:** <1ms
- **Net weight:** 40.7 kg (89.7 lbs); **Gross weight:** 47.5 kg (104.7 lbs)
- **Dimensions:** 693 x 591 x 654 mm (27.3 x 23.3 x 25.7 in)
- **Shipping dimensions:** 732 x 703 x 766 mm (28.8 x 27.7 x 30.2 in)
- Backed by **industry-leading seven-year warranty**

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### SPECIFICATIONS

<b>System Type</b>	18-Inch Powered Subwoofer
<b>Woofers Model</b>	918SG
<b>Woofers Size</b>	18"
<b>Woofers Magnet</b>	Ferrite
<b>Woofers Voice Coil</b>	4"
<b>Transducer Impedance</b>	<b>Rated:</b> 4 $\Omega$
<b>Max SPL</b>	134dB @1m/2 $\pi$
<b>Freq Range -10</b>	30Hz - 110Hz (2 $\pi$ )
<b>Freq Range -3</b>	35Hz - 92Hz (2 $\pi$ )
<b>Hor Dispersion</b>	Omnidirectional
<b>Vert Dispersion</b>	Omnidirectional
<b>Crossover Frequency</b>	80Hz, 100Hz, 120Hz Selectable
<b>Power Rating</b>	1600Wpk, 1000Wrms, 350W continuous

<b>AC Power Input</b>	100-230Vrms 50-60Hz
<b>Cooling</b>	Natural Convection No Fan
<b>LED Indicators</b>	Limit, 2x SSM Input
<b>Input Impedance</b>	100K $\Omega$ Balanced
<b>Input Gain</b>	0-12dB Gain
<b>I/O</b>	x2 Combo Inputs x2 XLR Pass Through Outputs
<b>Cabinet</b>	18mm Plywood + Duraflex
<b>Grille</b>	Powder coated steel, T=1.5mm
<b>Suspension/Mount</b>	Pole Mount on Top Surface
<b>Handles</b>	Side Handle x2
<b>Net Weight</b>	40.7kg (89.7 lbs)
<b>Gross Weight</b>	47.5 kg (104.7 lbs)
<b>Product Dims</b>	693 x 591 x 654 mm (27.3 x 23.3 x 25.7 in)
<b>Shipping Dims</b>	732 x 703 x 766 mm (28.8 x 27.7 x 30.2 in)

### PRODUCT FEATURES

#### All-New Acoustic Designs

From cone to cabinet, the PRX918XLF is designed for advanced acoustic performance. A next-generation 918SG woofer with ferrite magnet delivers smooth, natural bass response, and an FEA flared port design reduces air noise and distortion. It all adds up to clean, accurate, powerful sound at any volume.

#### Power That Performs for You

PRX900 systems effortlessly support large performance spaces with high power and performance needs. Driven by highly efficient 2,000W (peak) Class D power amps, the PRX918XLF delivers bass with clarity and definition at maximum volume. 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. High-quality DACs and ADCs 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, noise is virtually nonexistent.

#### Dial In Your Sound With Class-Leading DSP

The PRX918XLF's class-leading DSP package, accessible via onboard LCD or the JBL Pro Connect app, includes 6-band parametric EQ for system tuning and nuanced tonal control, plus lowpass filter and 20ms delay.

#### 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. Subwoofers feature M20 pole cups.

#### Part of the Pro Connect Ecosystem

JBL's 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. Access full DSP functions anywhere right from the app, including app-only features like speaker snapshots and groupings.

#### Rugged and Road-Worthy

PRX900 components are housed in strong, lightweight cabinets that maximize both acoustic performance and durability. The PRX918XLF enclosure is built from 18mm birch, with optimized bracing that smooths out low-frequency response. A Duraflex coating provides superior durability.

#### In It for the Long Haul

Like every JBL product, the PRX918XLF 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 ■



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