

# PRX812

12" Two-Way Powered Loudspeaker



## HIGHLIGHTS ■

### **Loudest in Class**

1500-watt Class-D power meets JBL Differential Drive® technology for legendary JBL sound at maximum volume

### **Roadworthy**

Stronger build quality, Duraflex™ finish and proven mechanical design

### **Wi-Fi Control**

Wirelessly set up, tune and control your system via the free PRX Connect app, available for Android™ and iOS®

The PRX812 is a two-way portable PA speaker with a 12" woofer. Designed with an efficient 1500-watt Class-D amplifier and patented JBL Differential Drive technology, the PRX800 series offer best-in-class power handling. However, a great speaker must be more than just loud, so we at JBL engineered PRX800 using custom-engineered components, taking from our 70 years of expertise to design a speaker that is also clear and detailed—even at peak SPLs!

To survive the rigors of live performance and transit, rugged all-wood cabinets were used and coated with Duraflex™ finish to withstand demanding tour schedules, while staying lightweight for easy load-in and load-out. And a redesigned input panel and universal power supply make for simple, reliable operation at gigs worldwide.

With a rugged design, built-in Wi-Fi control, sophisticated DSP and the mobile app and V2 firmware, PRX800 deliver instant gratification, with superior sound quality and control—from anywhere in the venue.

## KEY MESSAGES ■

### **LOUDEST IN ITS CLASS**

With integrated 1500-watt Class-D power amplifiers, PRX800 is the most powerful, efficient system in its class. Patented JBL Differential Drive woofer technology reduces magnet mass while increasing power handling. Both of these features work together to make PRX800 a remarkably lightweight system capable of delivering clear, pristine audio at extraordinarily high volumes.

### **WI-FI CONTROL**

The PRX800 series are the first PA systems in their class to feature complete wireless control via Wi-Fi, giving you a powerful new way to set up, configure and optimize the performance of your live sound system. With the free PRX Connect mobile app, you can set up and run your system in any room with ease. Whether you're working in a difficult acoustic environment or making sure you have the headroom to drive your band harder, you have the tools at your fingertips to make your system sound perfect every single time.

### **ROADWORTHY AND TOUR TESTED**

We designed each aspect of the PRX800 series to perform flawlessly—even on the toughest tours. PRX800 speakers utilize the finest construction materials available, including durable wooden cabinets, tour-proven DuraFlex finish and dent-resistant 16-gauge grilles. And comprehensive mechanical, electronic, and acoustic testing—including JBL's famous 100-hour power test—ensures reliability in any real-world environment.

### **LEGENDARY JBL SOUND**

With an impressive 70 years of innovative design and audio engineering experience, JBL loudspeakers have been employed in production studios, cinemas, event centers, nightclubs, commercial installations and homes the world over for decades. PRX800 continue this legacy, and with the introduction of V2 firmware, PRX800 loudspeakers provide enhanced default settings, for a more impactful low end and greater output levels right out of the box.

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## 12" Two-Way Powered Loudspeaker



### APPLICATIONS ■

#### APPLICATION EXAMPLE 1

Bands, DJs and other performers who need a powerful, accurate, versatile PA system.

#### APPLICATION EXAMPLE 2

Permanent PA in small clubs, bars and other performance venues.

#### APPLICATION EXAMPLE 3

Permanent PA for houses of worship and schools.

### FEATURES ■

- Loudest PA in its class with an efficient 1500-watt amplifier
- JBL Differential Drive transducers for higher SPL in a lightweight design
- Next-generation JBL neodymium compression drivers
- Built-in Wi-Fi for wireless control of your system from anywhere in the venue
- Free PRX Connect mobile app provides wireless control over levels, parametric EQ, user presets, and up to 50ms of user delay to fine-tune your sound
- Crown-designed input panel with XLR, 1/4" and RCA inputs, plus XLR loop-through
- Durable construction with wooden cabinets, tour-proven DuraFlex finish and dent-resistant cloth-backed 16-gauge grilles
- Universal power supply for worldwide compatibility
- Demanding 100-hour test regimen ensures reliable performance
- To reduce noise, intelligent variable-speed fan activates only when needed
- Scalable system that integrates with other JBL portable powered PAs
- V2 firmware for impressive sound quality, bass response and loudness right out of the box

### TECHNICAL SPECIFICATIONS ■

<b>SYSTEM TYPE:</b>	Self-powered 12" two-way with bass-reflex
<b>MAXIMUM SPL OUTPUT:</b>	135 dB peak
<b>FREQUENCY RANGE (-10 dB):</b>	45 Hz – 20 kHz
<b>FREQUENCY RESPONSE (±3 dB):</b>	56 Hz – 20 kHz
<b>POWER RATING:</b>	1500 W (750 W x 2)
<b>INPUT IMPEDANCE:</b>	20K Ohms (balanced), 10K Ohms (unbalanced)
<b>COVERAGE PATTERN:</b>	90° x 50° nominal
<b>NET WEIGHT:</b>	19.4 kg (42.5 lb)
<b>DIMENSIONS (H X W X D):</b>	599 mm x 385 mm x 341 mm (23.6 in x 15.1 in x 13.4 in)

### ORDER SPECIFICATIONS ■

<b>BOX DIMS (L X W X H):</b>	18.3 in x 20 in x 26 in
<b>SHIPPING WEIGHT:</b>	49.4 lbs
<b>COUNTRY OF ORIGIN:</b>	MX

**UPC CODE:** 691991005343



HARMAN Professional 8500 Balboa Blvd. Northridge, CA 91329 USA

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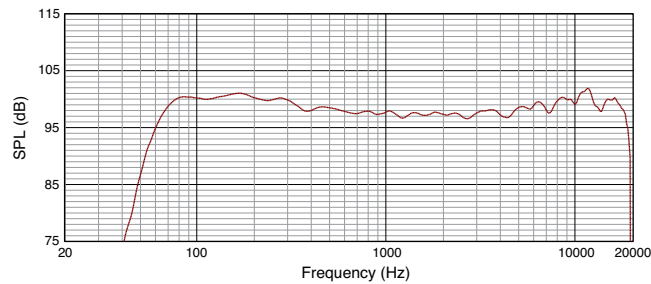


## IN THE BOX ■

- PRX812
- IEC Cable
- User's Guide

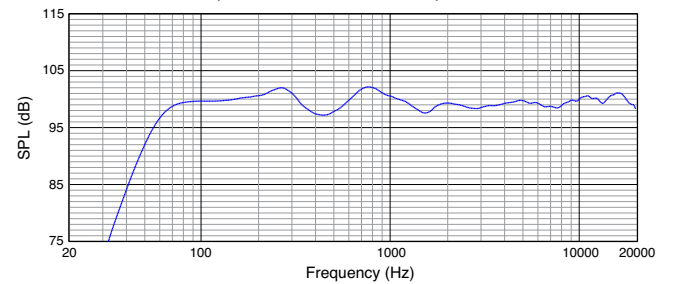
## FREQUENCY RESPONSE ■

**FREQUENCY RESPONSE (NORMAL)**



**FREQUENCY RESPONSE (MONITOR)**

Measurement performed in monitor position



## PRX CONNECT APP ■



## DIFFERENTIAL DRIVE ■



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