

# PRX710

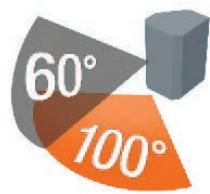
10" TWO-WAY MULTIPURPOSE SELF-POWERED SOUND REINFORCEMENT

## COMPACT, ULTRA-LIGHTWEIGHT SYSTEMS... PERFORMANCE YOU CAN TRUST

The PRX710 is the next step in the highly successful PRX Series and introduces the first use of JBL's patented Differential Drive® Technology with ferrite drivers. Differential Drive technology incorporates lower mass in the ferrite magnet for reduced weight while maximizing power amp efficiency for greater heat dissipation and increased power handling. Powering the PRX710 is a 1500 Watt high performance, exceptionally low distortion bi-amplification system engineered to deliver clean power with maximum headroom to efficiently deliver smooth high frequencies and rich, deep bass response even at very high sound power levels. Compact, ultra-lightweight, the PRX710 uses JBL's tour tested technology throughout so you can trust it to deliver a lifetime of reliable performance.

+ **1500 WATT**  
**HIGH-PERFORMANCE**  
**POWERED SPEAKER SYSTEM**

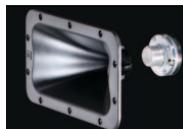
+ **36 LB / 16.4 KG**  
**FOR EASY PORTABILITY**

+   
**100° H / 60° V**  
**BEST IN CLASS COVERAGE**

## KEY FEATURES

### HIGH PERFORMANCE DRIVERS

37.5mm (1.5 in) Annular Polymer Diaphragm, Neodymium Magnet Compression Driver Resulting in Crystal Clear Highs and Sonic Accuracy. Wide coverage angles are achieved without compromise and harmonic distortion is minimized for maximum driver SPL without harshness.



### LOW FREQUENCY

Tour tested Differential Drive technology delivers extended frequency response, high power output and low distortion in a dramatically lighter package. With the ferrite magnet positioned inside the dual-coil/dual-gap voice coil, heavy steel pole pieces are eliminated. The heat sink is the chassis itself, further lowering system weight while ensuring consistent, reliable performance.



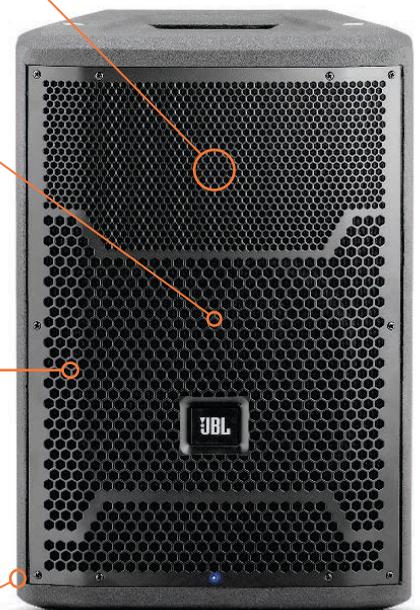
### AMPLIFICATION

Highly efficient Class-D amplification drives Maximum Sound Pressure Levels are the best indication of the performance of a powered speaker and all PRX700 Series excel in this critical specification. JBL's ability to maximize the speaker and amplifier performance guarantees ample power, accurate dynamics and sonic purity.



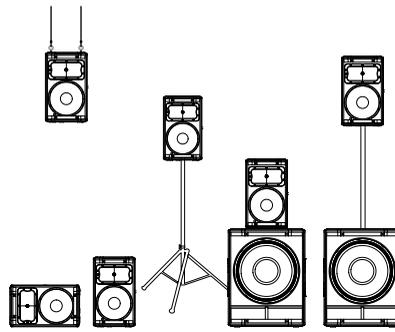
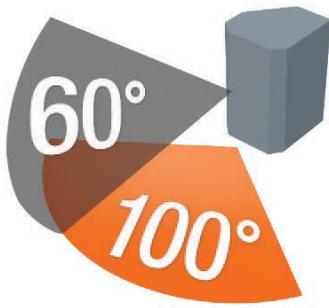
### ROAD TOUGH CONSTRUCTION

Built from a combination of 25 mm (on the top and bottom for added rigidity) and 18 mm, strong, light-weight poplar plywood made structurally sound with tongue and groove joints. JBL's tour proven DuraFlex™ finish, grilles from dent-resistant 16 gauge steel, and light-weight glass-filled nylon handles ensure strength and durability. All M10 suspension points are constructed from 14 gauge steel and have been tested with a yield-strength of 1000 lbs. each. A seriously rugged package that will withstand the brutality of constant road use.



Hear the truth.





### COVERAGE

System coverage is 100° horizontal and 60° vertical with excellent coverage throughout the system's bandwidth. The sound is smooth and consistent without hotspots so control is optimized.

### CONFIGURATIONS

The PRX700 Series is a platform technology with a full range of models that integrate seamlessly to create multiple system options that excel in challenging audio environments with loud volumes. The PRX710 is the most compact and versatile of the series.

- Single speaker on a stand for public address
- Full-range stereo set up with two top cabinets and a sub-woofer for live performance or DJ
- Multiple cabinets for a scalable, highly professional sound reinforcement system
- Suspend any of the top cabinets for use in commercial installations or Houses of Worship

### INPUT PANEL

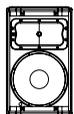
An integrated limiter circuit on the inputs guarantees signal integrity. System performance is optimized through the use of sophisticated Digital Signal Processing for EQ, crossover, amplifier control, and protection.

- DSP Input limiter circuit, crossover, dynamic limiting, component optimization, selectable system EQ
- XLR-¼" combination mic/instrument inputs, RCA inputs, and XLR loop-through
- Easy to use mixing via selection switches on both the input and loop-thru

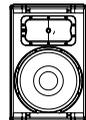
## SPECIFICATION

# PRX700

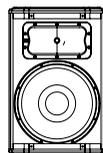
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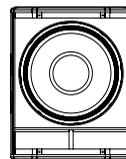
**PRX710**



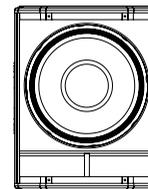
**PRX712**



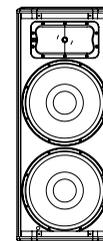
**PRX715**



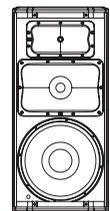
**PRX715XLF**



**PRX718XLF**



**PRX725**



**PRX735**

	PRX710	PRX712	PRX715	PRX715XLF	PRX718XLF	PRX725	PRX735
<b>System Type:</b>	Self powered 10", two-way, bass-reflex	Self powered 12", two-way, bass-reflex	Self powered 15", two-way, bass-reflex	Self powered 15", bass-reflex	Self powered 18", bass-reflex	Self powered 15", two-way, bass-reflex	Self powered 15", three-way, bass-reflex
<b>Max SPL Output:</b>	133 dB	135 dB	136 dB	131 dB	134 dB	139 dB	136 dB
<b>Freq. Range (-10 dB):</b>	50 Hz - 19.6 kHz	44.8 Hz - 19.6 kHz	42.9 Hz - 19.5 kHz	37 Hz - 113 Hz	30 Hz - 103 Hz	42 Hz - 18.5 kHz	35 Hz - 20 kHz
<b>Freq. Response (±3 dB):</b>	63.5 Hz - 18.5 kHz	55.7 Hz - 18.2 kHz	58.1 Hz - 17.2 kHz	44 Hz - 91 Hz	35 Hz - 87 Hz	49 Hz - 17 kHz	42 Hz - 20 kHz
<b>Coverage Pattern:</b>	100° x 60° nominal	90° x 50° nominal	90° x 50° nominal	-	-	90° x 50° nominal	90° x 50° nominal
<b>Amplifier Design:</b>	Class D	Class D	Class D	Class D	Class D	Class D	Class D
<b>Power Rating:</b>	1500 W (2 x 750)	1500 W (2 x 750)	1500 W (2 x 750)	1500 W	1500 W	1500 W (3 x 500)	1500 W (3 x 500)
<b>Dimensions (mm):</b>	498.7 x 335.6 x 322.3	612.4 x 384.6 x 341.4	714.4 x 445. x 358.7	547.1 x 445 x 580	690.4 x 523.2 x 723.9	1070.4 x 445 x 538	952.5 x 445 x 538
<b>(H x W x D) (in):</b>	19.63 x 13.21 x 12.69	24.11x 15.14 x 13.44	28.13 x 17.52 x 14.12	21.54 x 17.52 x 22.48	27.18 x 20.6 x 28.5	42.14 x 17.52 x 21.18	37.5 x 17.52 x 21.18
<b>Net Weight:</b>	16.4 kg (36 lb)	19.4 kg (42.5 lb)	21.6 kg (47.5 lb)	25.4 kg (56 lb)	36.8 kg (81 lb)	37.19 kg (82 lb)	34.9 kg (77 lb)