



Introducing VRX900 S E R I E S

POWERED BY  **CROWN**



Designed in conjunction with Crown International, the ultra light weight and compact high power DPC-2 amplifier module features DBT (Dual Bridged Technology™) digital amplification circuitry and is integrated into the rear of the VRX enclosures creating a seamless electro-mechanical system that offers both convenience and unmatched reliability. Extremely efficient, it utilizes passive cooling eliminating the need for noisy fans.



THE FIRST PERSONAL POWERED LINE ARRAY



CONSTANT CURVATURE ARRAY

The VRX waveguide mounts three compression drivers on a continuous arc enabling them to work together as though they were a single driver. Power handling is dramatically increased and when multiple enclosures are used together in an array they work together seamlessly as if they were a single driver on a very long waveguide. The result: unprecedented coherence projecting the sound energy directly to the audience and stunning, clear high frequency sound quality regardless of the configuration.



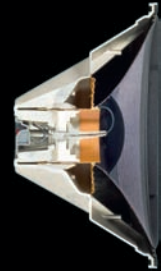
HORIZONTAL COVERAGE

No matter how many enclosures in a VRX array the horizontal coverage is a constant 100°. Rather than stacking and arraying systems side by side and running the risk of an inconsistent sound field as the coverage patterns overlap, with the VRX, the array is built vertically, and sound is projected from a single waveguide. With no overlapping coverage patterns, not only is the sound field extremely consistent a great stereo image is guaranteed.



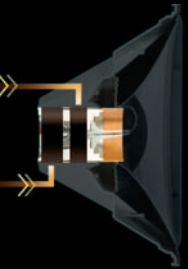
AMPLITUDE SHADING

The Array Shading Configuration selector enables an array to be fine tuned for an even more consistent sound field. Each high-frequency section in an array can be boosted or cut. For example, the upper enclosures in an array can be boosted to project the high frequencies to the back of the venue, while the lower enclosures can be cut, "shaded" back for less output for the front rows of the venue.



DIFFERENTIAL DRIVE® WOOFERS

VRX uses JBL's Differential Drive woofers with dual voice-coils and neodymium magnets. Neodymium's magnetic properties allow a few ounces to replace pounds of conventional magnetic material. In the Differential Drive configuration the magnet is positioned inside the two voice coils making traditional big steel pole plates redundant, further decreasing the size and weight of the driver. The use of neodymium and the dual voice coil design delivers a very light-weight driver with massive amounts of power capacity, low distortion and reduced power compression.



DUAL BRIDGED TECHNOLOGY

DBT (Dual Bridged Technology) directly links discrete amplifier channel outputs with each voice-coil in the Differential Drive Woofer, transferring the maximum amount of power in the most efficient way and improving the speakers overall performance.



SIMPLIFIED RIGGING

Ease of set up and takedown is critical to ensuring high quality sound reinforcement that meets both time and cost restrictions. JBL's exclusive integral rigging hardware for the VRX900's allows the enclosures to be quickly and securely locked to one another by simply swinging a hinged bar into place and securing it with the included quick release pins.



QUICK CONNECTIONS

The setup for VRX900 powered speakers is fast and easy. Simply connect up to three loudspeakers together by looping the power and audio cables from one unit to another. In a sub/satellite configuration, one power cord can be used to loop a VRX918SP and up to two VRX932LAPs, making power distribution extremely quick. Signal is easily looped thru the VRX918SP to the VRX932LAP's via XLR connection. The VRX918SP delivers the additional utility of an integrated crossover for a complete system set up.

POWERED MODELS

DESCRIPTION

SPECIFICATION

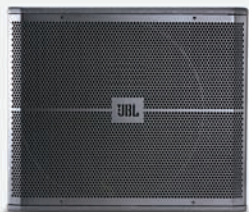
VRX932LAP



System type: 12 inch, powered two way, line-array speaker
 Frequency Range (-10 dB): 57 Hz - 20 kHz
 Frequency Response (±3 dB): 75 Hz - 20 kHz
 Coverage pattern: 100° x 15° nominal (horizontal x vertical)
 Maximum System SPL¹: 136 dB
 Components: LF: 2262FF; HF: 3x 2408J (1.5 in voice coil)
 Amplifier: 1750W Peak, 875W Continuous
 Dimensions (H x W x D): 349 mm x 597 mm x 444 mm
 13.75 in x 23.5 in x 17.5 in
 Weight: 24 kg (52 lb)



VRX918SP



System type: 18 inch, powered bass-reflex subwoofer
 Frequency Range (-10 dB): 31 Hz - 220 Hz
 Frequency Response (±3 dB): 34 Hz - 220 Hz
 Maximum System SPL¹: 126 dB
 Components: LF: 2268FF
 Amplifier: 1500W Peak, 800W Continuous
 Dimensions (H x W x D): 508 mm x 597 mm x 749 mm
 20.0 in x 23.5 in x 29.5 in
 Weight: 40 kg (89 lb)



¹ Measured with IEC shaped noise in free field conditions.