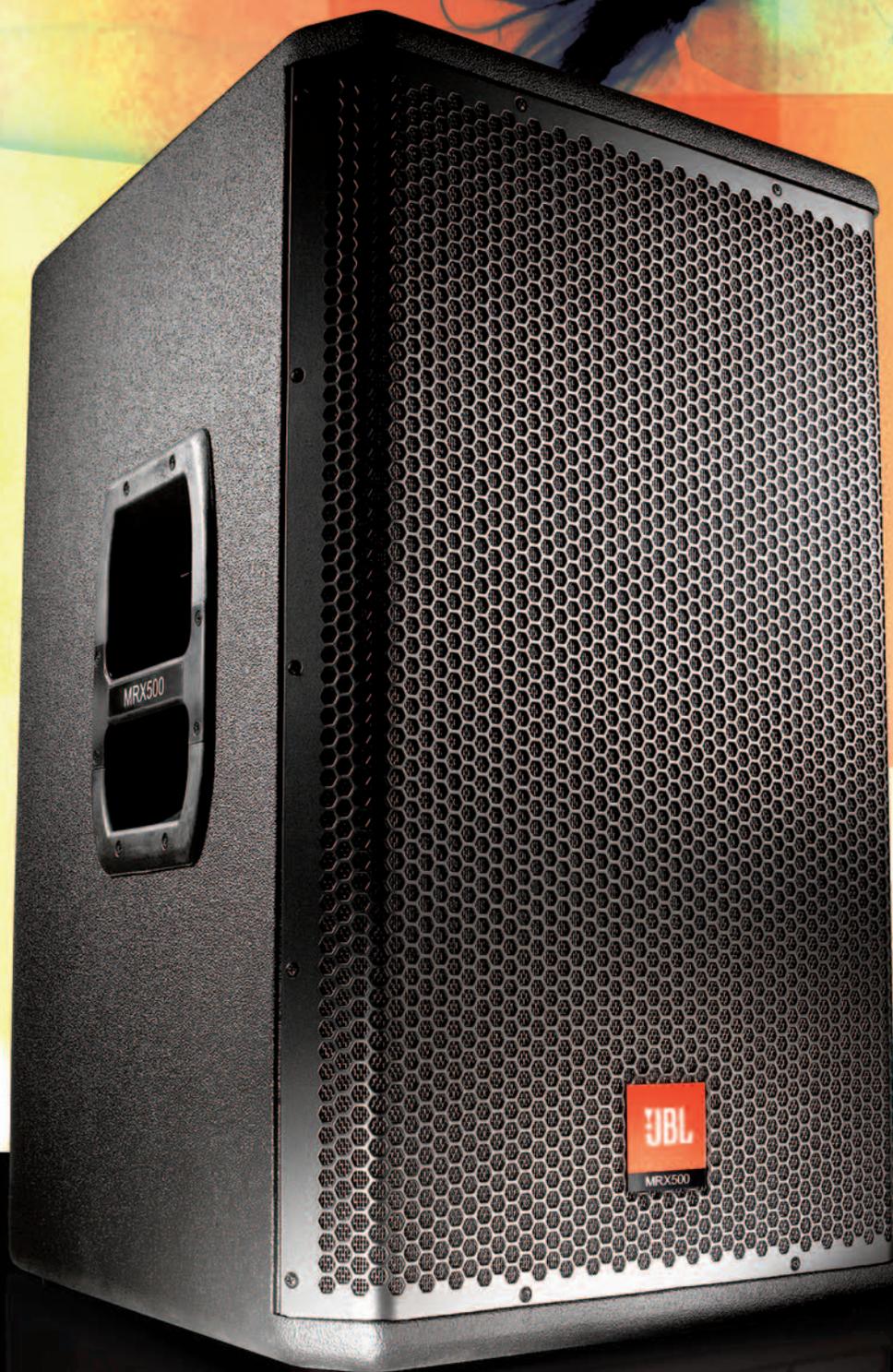


# MRX500

S E R I E S



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The Ultimate Light Weight, High-Output Portable PA

**MRX500**  
S E R I E S

# Light Weight Heavy Duty

Constantly pushing the threshold for better, more useful products for the working musician and DJ, JBL Professional once again hits the target with the all new MRX500 Series Loudspeaker System. Compact, lightweight, truly portable, the MRX500 is the ultimate PA system for musicians and DJ's who need fully professional sound and performance within a budget.



# Torture Tested and Road Proven

Featuring as much as 30% less weight than comparable systems, the MRX was designed from the ground up by JBL engineers utilizing brand new lightweight JBL Differential Drive® transducer technology, engineered for this application. Drawing on the vast engineering excellence established with the industry standard and road proven VERTEC® Professional Loudspeaker Series, the MRX delivers outstanding performance for the DJ and musician where a smaller, lighter, more portable system is required with no sacrifice in sound quality or durability. Specifically engineered for MRX and completing the design, a series of rugged plywood enclosures, covered with JBL's DuraFlex™ finish, a tough, textured scratch resistant surface, that ensures years of solid performance and professional good looks.

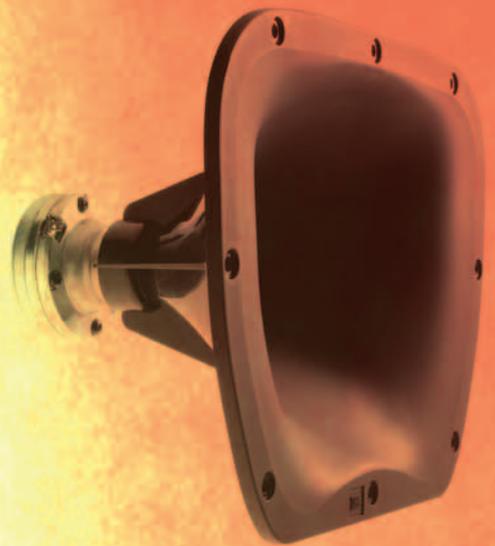
## 100 Hour Torture Test

Like all JBL Professional products, the MRX Series is brutalized in JBL's speaker torture test. Unique in the industry, the JBL torture test submits each component in the MRX Series to 100 hours of continuous, high level input, ensuring that the MRX will deliver its extraordinary sound even after years of tough handling and thousands of hours of performance.

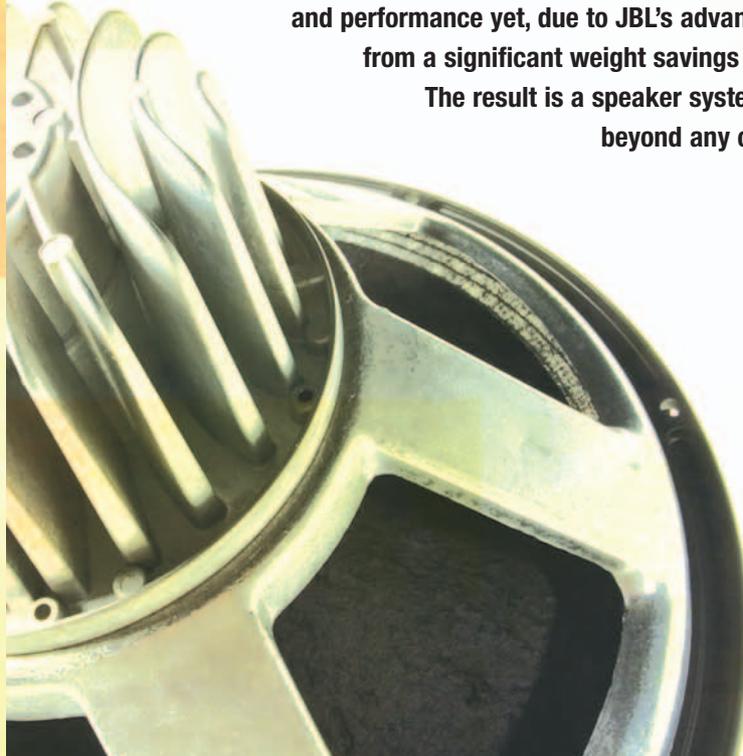


## Get Moving

**MRX delivers outstanding performance where a smaller, lighter, more portable system is required with no sacrifice in sound quality or durability.**



# Superb Sound and High-Power Performance



Taking a lead from the SRX700 Professional Loudspeaker System, these new components deliver extraordinary sound quality, power handling and performance yet, due to JBL's advanced engineering, benefit from a significant weight savings over traditional designs. The result is a speaker system that will perform well beyond any other system in its class.

## Differential Drive Transducers

JBL Professional designed a brand new range of 400W Differential Drive® transducers in 12" and 15" configurations, perfectly matched to the brand new 1.5" annular polymer diaphragm compression driver producing a transducer engine that weighs significantly less than traditional transducer designs, yet their performance, sound quality and power handling are extraordinary.

## Custom Waveguides

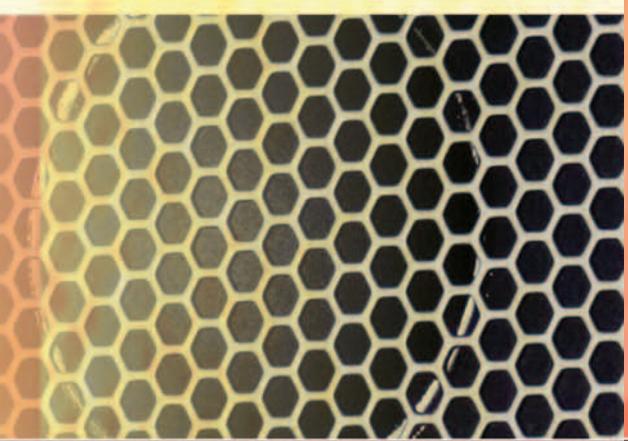
The constant beamwidth and power response of MRX500's custom designed waveguide is perfectly matched to its direct radiating woofers which ensures superb coverage throughout the frequency range of the system.

## Engineered Enclosures

Combining mechanical design expertise, new materials and a DuraFlex™ finish, MRX500 enclosures have been optimized for minimum weight and maximum ruggedness.

## Proven Networks

Utilizing years of design experience, MRX networks are built using proven components in the most sophisticated topologies in their class. For maximum reliability, all input and loop-thru connections are made via Neutrik® NL4MP connectors. In addition, the input connections can be easily reconfigured on the subs, for an efficient sub/sat cabling option.



**Lighter. Louder. Legendary.**

## Dual Angle Pole Mount

The dual angle pole mount on the MRX512M and MRX515 offers much more control than the typical single mount. With a 10° down angle the speaker can be directed down toward your audience, keeping the energy off the back wall enhancing coverage and clarity.



# Engineered to Move

## Live Music

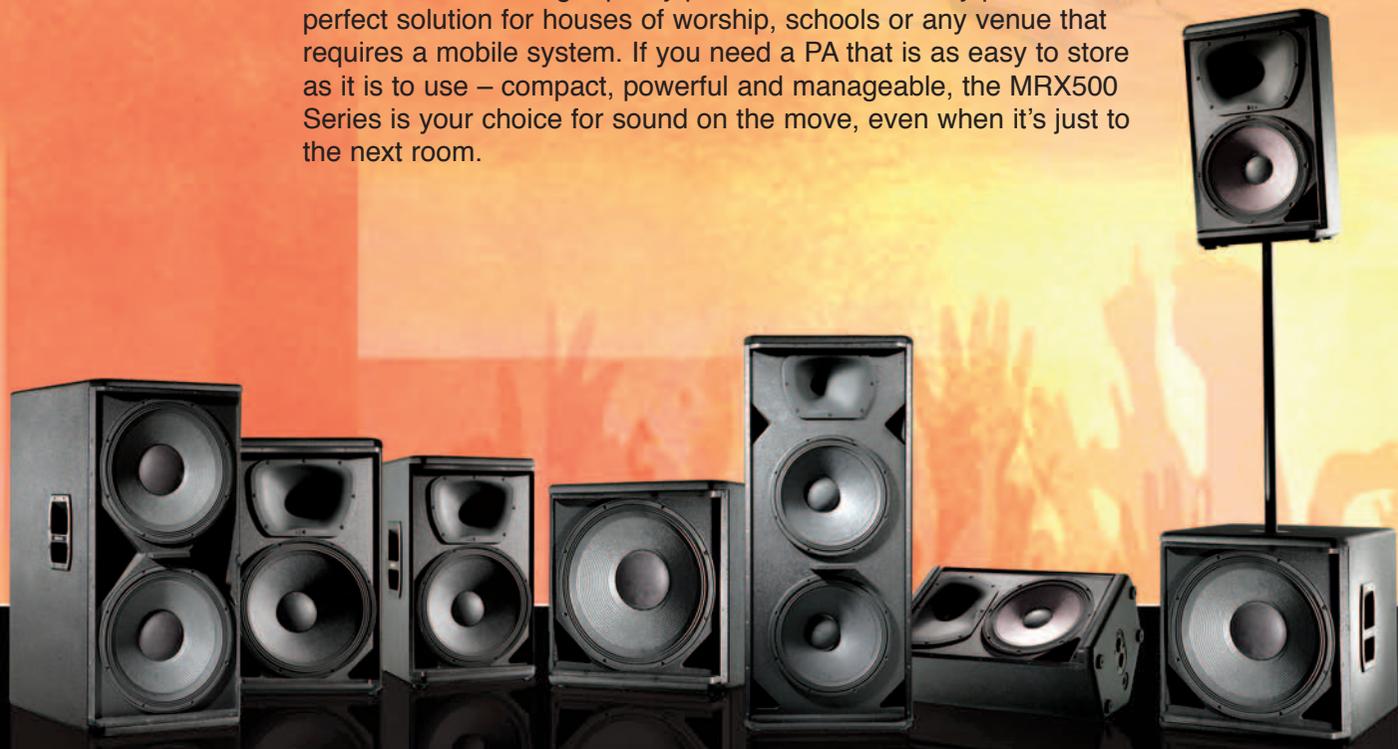
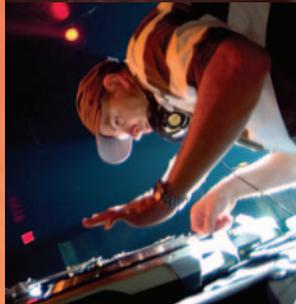
Performing musicians have long sought a system that is easy to transport, set up and adjust to the room, in very little time and typically with no assistance. Being your own sound man requires a hassle free system that is predictable and reliable, allowing you to quickly shift your focus back to the performance. The MRX is extraordinary in its coverage, allowing you to deliver super high quality JBL sound to every seat in the house.

## Mobile DJ

DJ's are in constant need of wide bandwidth systems that can handle long hours of punishing, high decibel sound output with deep bass response, tight mids and crisp highs. But the mobile DJ must be able to achieve all this in an easily portable, super lightweight system. The MRX is without equal for this application, giving the flexibility, professional performance and road-tough durability that is as necessary as the quality of the sound.

## Sound on the Move

The MRX line is a high quality portable PA that is truly portable. It's a perfect solution for houses of worship, schools or any venue that requires a mobile system. If you need a PA that is as easy to store as it is to use – compact, powerful and manageable, the MRX500 Series is your choice for sound on the move, even when it's just to the next room.





MRX512M



MRX515



MRX525



MRX528S



MRX518S

# Specifications

## MRX512M

System Type: 12" two-way stage utility / monitor speaker  
 Frequency Range<sup>1</sup> (-10 dB): 60 Hz - 20k Hz  
 Frequency Response<sup>2</sup> (±3 dB): 90 Hz - 20k Hz  
 System Sensitivity (1w @ 1m): 97 dB SPL  
 Nominal Impedance: 8 ohms  
 Rated Maximum SPL: 123 dB SPL continuous (129 dB SPL peak)  
 Power Rating (Continuous / Program / Peak): 400 W / 800 W / 1600 W<sup>3</sup>  
 Coverage Pattern: 70° x 70° nominal  
 LF Driver: 1 x JBL 262H 305 mm (12 in) Differential Drive<sup>®</sup> woofer  
 HF Driver: 1 x JBL 2408H 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver  
 Dimensions (H x W x D): 645 mm x 380 mm x 345 mm (25.25 in x 15.0 in x 13.5 in)  
 Net Weight: 14.9 kg (33.0 lbs.)

## MRX515

System Type: 15" two-way, bass-reflex  
 Frequency Range<sup>1</sup> (-10 dB): 52 Hz - 20 kHz  
 Frequency Response<sup>2</sup> (±3 dB): 65 Hz - 20 kHz  
 System Sensitivity (1w @ 1m): 98 dB SPL  
 Nominal Impedance: 8 ohms  
 Rated Maximum SPL: 124 dB SPL continuous (130 dB SPL peak)  
 Power Rating (Continuous / Program / Peak): 400 W / 800 W / 1600 W<sup>3</sup>  
 Coverage Pattern: 70° x 70° nominal  
 LF Driver: 1 x JBL 265H 380 mm (15 in) Differential Drive<sup>®</sup> woofer  
 HF Driver: 1 x JBL 2408H 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver  
 Dimensions (H x W x D): 700 mm x 435 mm x 470 mm (27.25 in x 17.5 in x 18.5 in)  
 Net Weight: 19.5 kg (43 lbs.)

## MRX525

System Type: Dual 15" two-way, bass-reflex  
 Frequency Range<sup>1</sup> (-10 dB): 40 Hz - 20 kHz  
 Frequency Response<sup>2</sup> (±3 dB): 57 Hz - 20 kHz  
 System Sensitivity (1w @ 1m): 100 dB SPL  
 Nominal Impedance: 4 ohms  
 Rated Maximum SPL: 129 dB SPL Continuous (135 dB SPL Peak)  
 Power Rating (Continuous / Program / Peak): 800 W / 1600 W / 3200 W<sup>3</sup>  
 Coverage Pattern: 70° x 70° nominal  
 LF Driver: 2 x JBL 265H 380 mm (15 in) Differential Drive<sup>®</sup> woofer  
 HF Driver: 1 x JBL 2408H 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver  
 Dimensions (H x W x D): 1240 mm x 535 mm x 480 mm (48.75 in x 21.0 in x 18.0 in)  
 Net Weight: 38.2 kg (84 lbs.)

## MRX528S

System Type: Dual 18" bass-reflex subwoofer  
 Frequency Range<sup>1</sup> (-10 dB): 35 Hz - 250 Hz  
 Frequency Response<sup>2</sup> (±3 dB): 40 Hz - 250 Hz  
 System Sensitivity (1w @ 1m): 103 dB SPL<sup>3</sup>  
 Nominal Impedance: 4 ohms  
 Rated Maximum SPL: 133 dB SPL continuous (139 dB SPL peak)<sup>3</sup>  
 Power Rating (Continuous / Program / Peak): 1000 W / 2000 W / 4000 W<sup>2</sup>  
 Coverage Pattern: 70° x 70° nominal  
 LF Driver: 2 x JBL 2044H 457 mm (18 in) woofers  
 Dimensions (H x W x D): 1095 mm x 535 mm x 700 mm (43 in x 21 in x 27.5 in)  
 Net Weight: 55 kg (121 lbs.)

## MRX518S

System Type: 18" bass-reflex subwoofer  
 Frequency Range<sup>1</sup> (-10 dB): 40 Hz - 200 Hz  
 Frequency Response<sup>2</sup> (±3 dB): 45 Hz - 200 Hz  
 System Sensitivity (1w @ 1m): 100 dB SPL<sup>3</sup>  
 Nominal Impedance: 4 ohms  
 Rated Maximum SPL: 127 dB SPL continuous (133 dB SPL peak)<sup>3</sup>  
 Power Rating (Continuous / Program / Peak): 500 W / 1000 W / 2000 W<sup>2</sup>  
 LF Driver: 1 x JBL 2044G 457 mm (18 in) woofers  
 Dimensions (H x W x D): 560 mm x 535 mm x 700 mm (22 in x 21 in x 27.5 in)  
 Net Weight: 32.5 kg (72 lbs.)

## Available Accessories

- SS3-BK 35 mm diameter, 1041 mm (41") speaker pole for MRX518S and MRX512M or MRX515
- SS2-BK Tripod Stand for MRX512M or MRX515

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<sup>1</sup> IEC filtered noise with 6 dB crest factor, 2hrs  
<sup>2</sup> 40 Hz to 400 Hz pink noise with 6 dB crest factor, 2hrs  
<sup>3</sup> Calculated on half space condition