

MRX525

Dual 15" High-Power, Two-Way Speaker

Key Features:

- ▶ Lightweight and high-power
- ▶ Dual 15" Differential Drive® woofers for high-power capacity and extended LF performance
- ▶ 1.5" annular polymer diaphragm compression driver
- ▶ 70° x 70° coverage
- ▶ Heavy Duty 16 gauge protective screen backed steel grille
- ▶ Tough DuraFlex™ enclosure finish

Applications:

- ▶ Live sound reinforcement for vocals and musical instruments
- ▶ High-level music playback

The MRX525 is an excellent choice when the application calls for high performance and simplicity. A pair of MRX525s and a single, high-power amplifier is a complete sound system capable of reinforcing bass and kick drum or playing high-level music in clubs and other venues.

The MRX525 is comprised of two 380 mm (15 in) 265H Differential Drive® woofers with combined power handling of 800 watts (continuous). For the high frequencies, 2408H 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver is mounted to a 70° x 70° horn. The 70° coverage angle of the MRX525 is wide enough to provide coverage of an audience when used one-per-side yet narrow enough to allow splaying of multiple enclosures without excessive coverage overlap.

The enclosure is constructed of quality plywood and coated in JBL's rugged DuraFlex™ finish. The attractive CNC-machined, 16-gauge steel grille wraps around the sides of the enclosure. The grilles are internally lined with an acoustically transparent screen to provide additional driver protection and give a very professional appearance.



Specifications:

Frequency Range (-10 dB):	40 Hz - 20 kHz
Frequency Response (±3 dB):	57 Hz - 20 kHz
Coverage Pattern:	70° x 70° nominal
Crossover Mode:	Passive
Crossover Frequency:	1.8 kHz
Power Rating:	800 W/ 1600 W/ 3200 W, 2 hrs ¹
(Continuous / Program / Peak)	700 W/ 1400 W/ 2800 W, 100 hrs ¹
Maximum SPL:	129 dB SPL continuous (135 dB SPL peak) ²
System Sensitivity (1w @ 1m):	100 dB SPL
LF Driver:	2 x JBL 265H 380 mm (15 in) Differential Drive® woofers
HF Driver:	1 x JBL 2408H 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver
Nominal Impedance:	4 ohms
Enclosure:	Trapezoidal, 15/18mm, plywood
Suspension / Mounting:	N/A
Transport:	2 x die-cast handles with backing cup
Finish:	Black DuraFlex™ finish
Grille:	Powder coated, black, 16 gauge perforated steel with acoustically transparent black screen backing.
Input Connectors:	Neutrik® Speakon® NL-4 (x2)
Dimensions (H x W x D):	1240 mm x 535 mm x 460 mm (48.75 in x 21.0 in x 18.0 in)
Net Weight:	38.2 kg (84 lb)

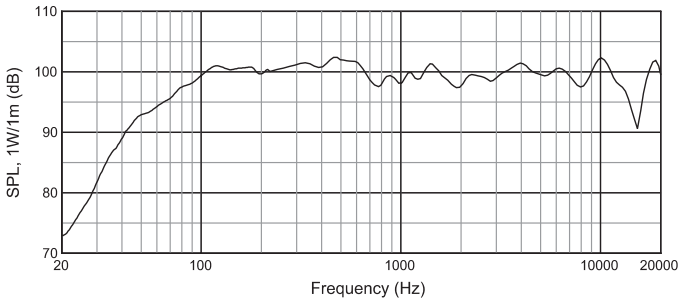
¹ IEC standard, full bandwidth pink noise with 6 dB crest factor for specified period

² Calculated based on power rating and sensitivity

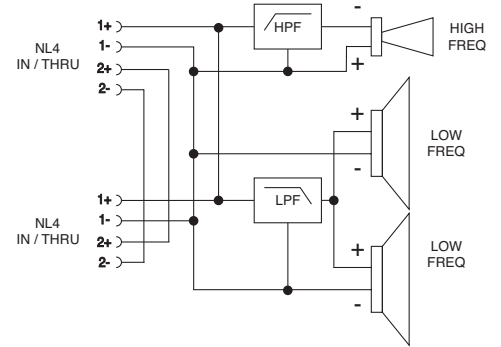
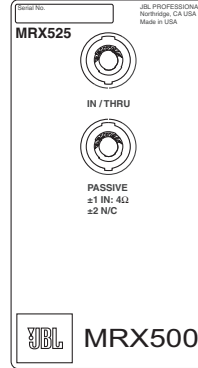
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▶ MRX525 Dual 15" High-Power, Two-Way Speaker

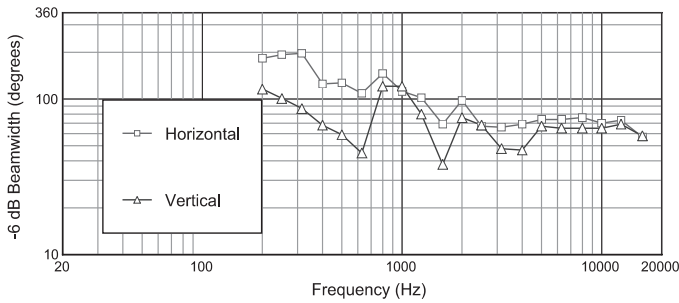
Frequency Response:



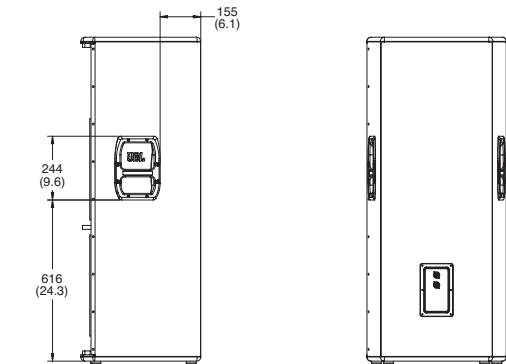
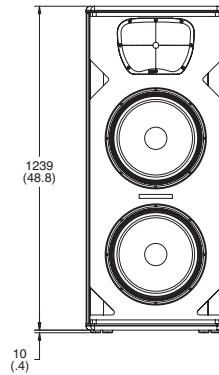
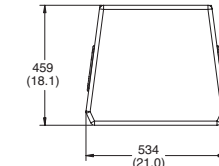
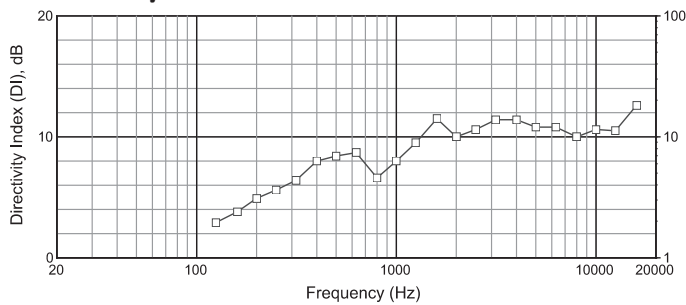
Block Diagram:



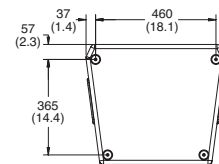
Beamwidth:



Directivity Index:



Dimensions in mm (in)



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