

VTX V25-II

High Performance Dual 15" Line Array Element
Fixed Angle ASM Suspension System



Key Features:

- Latest-generation Radiation Boundary Integrator® and HF waveguide technology delivers incredibly precise horizontal and vertical coverage with increased HF output from three patented D2 Dual Diaphragm Dual Voice Coil high frequency drivers
- Differential Drive™, Dual Neodymium Magnet, Dual Voice Coil, Direct Cooled™ MF and LF transducers
- Patented JBL S.A.F.E. fixed angle tension suspension system streamlined for speed and efficiency with fewer pinning operations. Ergonomic dolly board and protective cover available for convenient transport of individual enclosures.
- BSS® Audio OmniDriveHD V5 Processing for use with Crown Audio I-TechHD or VRack via JBL HiQnet Performance Manager Control™



Description:

The VTX V25-II is a full size, high-output line array element designed to deliver maximum acoustic output with the highest possible fidelity in a wide variety of sound reinforcement applications. Based around industry-leading JBL transducer technology, including the patented D2 Dual Diaphragm Dual Voice Coil high frequency driver, VTX V25-II delivers premium performance with a remarkably high power to weight ratio. JBL HiQnet Performance Manager™ control enables fast, accurate system configuration and deployment, while BSS® Audio OmniDrive HD V5 processing provides clear, consistent sound in any configuration. Available with either fixed angle tension suspension (V25-II) or compression suspension (V25-II-CS) hardware.

Specifications:

System		Transducers	
Frequency Range (-10 dB):	35 Hz - 18 kHz (short throw mode, free field)	Low Frequency:	2 x 2267H, 381 mm (15 in) dia., 100mm (4 in) Dual Voice Coil, Neodymium Differential Drive®, Direct Cooled™
Coverage Pattern (-6dB) Horizontal:	90 degrees nominal (300 Hz - 16 kHz)	Mid Frequency:	4 x 2169H, 203 mm (8 in) dia., 76mm (3 in) Dual Voice Coil, Neodymium Differential Drive®, Direct Cooled™
Vertical:	Varies with array size and configuration (0-10 degree inter-enclosure angles)	High Frequency:	3 x 2430K D2 Dual Diaphragm Dual Voice Coil Compression Driver, 76 mm (3 in) dia. dual voice coils, 38 mm (1.5 in) exit
System Input Power Rating:		Enclosure	
Active	LF: 2 x 2000 W Continuous (AES / 2 hour) MF: 1400 W Continuous (AES / 2 hour) HF: 600 W Continuous (AES / 2 hour)	Construction:	Cast aluminum front baffle. 18 mm, 11-ply Finnish birch plywood; black DuraFlex™ finish; integral recessed handles
Bandpass Sensitivity:	LF: 99 dB 1W / 1m (2.0 Vrms at 3.3 ft) free field MF: 103 dB 1W / 1m (2.83 Vrms at 3.3ft) HF: 116 dB 1W / 1m (2.83 Vrms at 3.3ft)	Suspension:	Fixed angle ASM suspension system: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 degree inter-enclosure angle options
Maximum Peak Output ² :	141 dB SPL (LF), 140.5 dB SPL (MF), 149.5 dB SPL (HF)	Grille:	Powder coated 14 gauge hex-perforation steel with acoustically-transparent black cloth backing
Required Amplification & Processing:	Crown® I-TechHD or VRack power amplification JBL HiQnet Performance Manager™ system control	Input Connectors:	Neutrik® Speakon® NL-8 (2x) LF1: 1+/-, LF2: 2+/-, MF: 3+/-, HF: 4+/-
System Impedance:	LF: 2 x 8 ohms MF: 1 x 8 ohms HF: 1 x 8 ohms	Dimensions (H x W x D):	414 mm x 1223.5 mm x 614 mm (16.3 in x 48.2 in x 24.2 in)
		Net Weight:	82.6 kg (182 lbs)

Footnotes:

1: AES Standard, one decade pink noise with 6 dB crest factor within device's operational band, free air.
2: Peak, unweighted SPL measured under free-field conditions (free-field 1 meter) using broadband pink noise with a 10dB crest factor.

JBL continually engages in research related to product improvement. Some materials, production methods and design refinements are introduced into existing products without notice as a routine expression of that philosophy. For this reason, any current JBL product may differ in some respect from its published description, but will always equal or exceed the original design specifications unless otherwise stated.

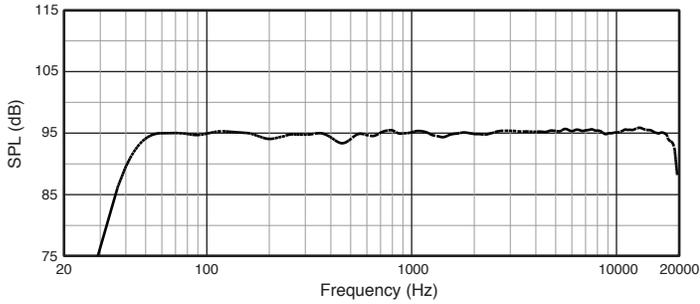
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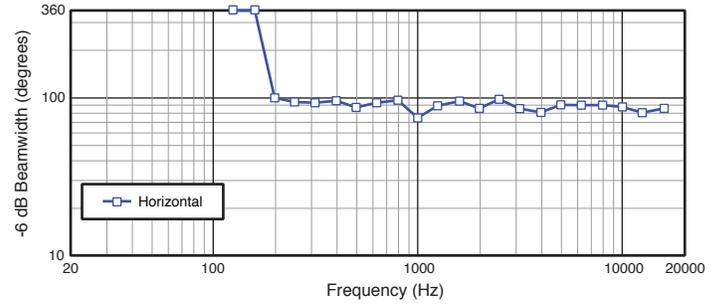
Acoustical Measurements

Frequency Response with Recommended Digital Signal Processing
Preset: VTX V25-II X ST

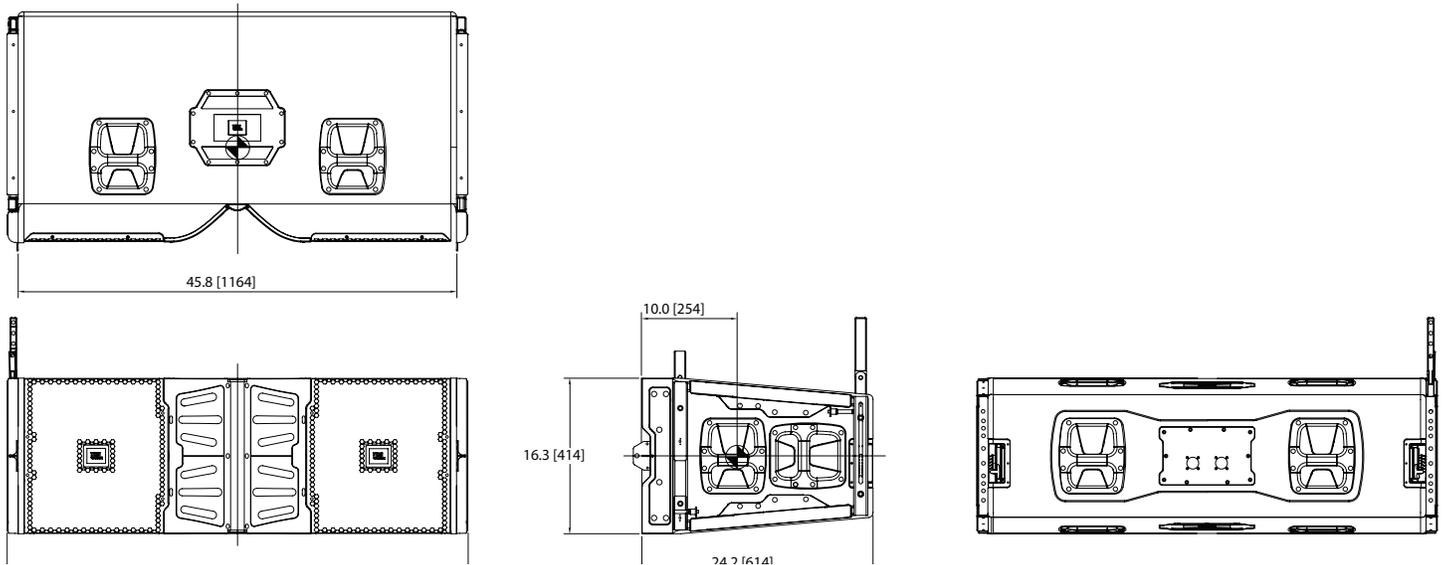


Beamwidth

-6dB Horizontal Coverage

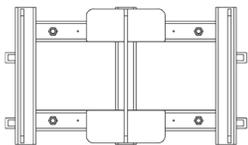


Dimensions



Accessories

- VTX-V25-ACC: Protective cover and transport dolly for 1 x VTX-V25
- VTX-LZ-K
- VTX-LZ-V25-MB



VTX-V25-AF
Array Frame



VTX-V25-AF-EB
Extension Bar