

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:

DDRFDSRVKFDVDFRKFVRSRDEID
DFXDPPXP3/EDVRSDSRDPVXV
-/FRXDDVDFKDRSRXFPSPRPPDVSXFRPKRVDVIVPVDXFRVSRXFKRKRFDVDRX
SVVRIKDSKRVRSKRKVDVR D FX -/SRXFPDIIVRVPVSRFVPSXEVKVFSR
RKVVD

EXDDVTXDRFKRDVVSFIDRVXV

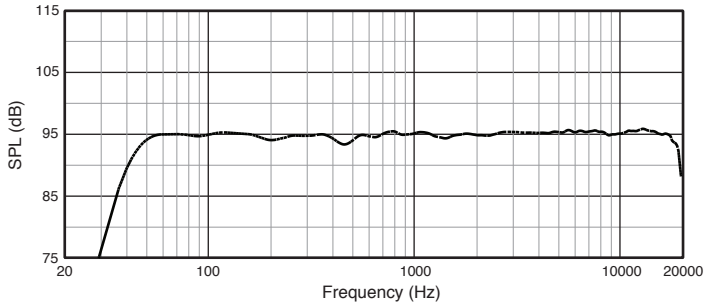
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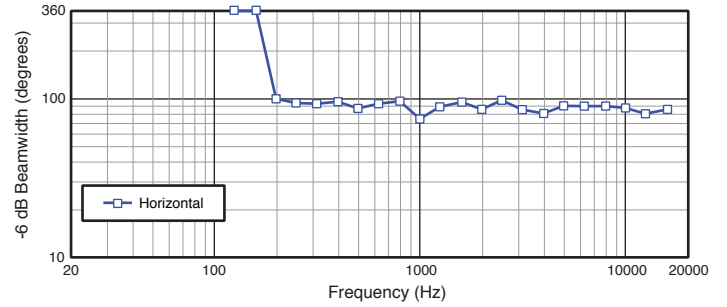
Acoustical Measurements

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

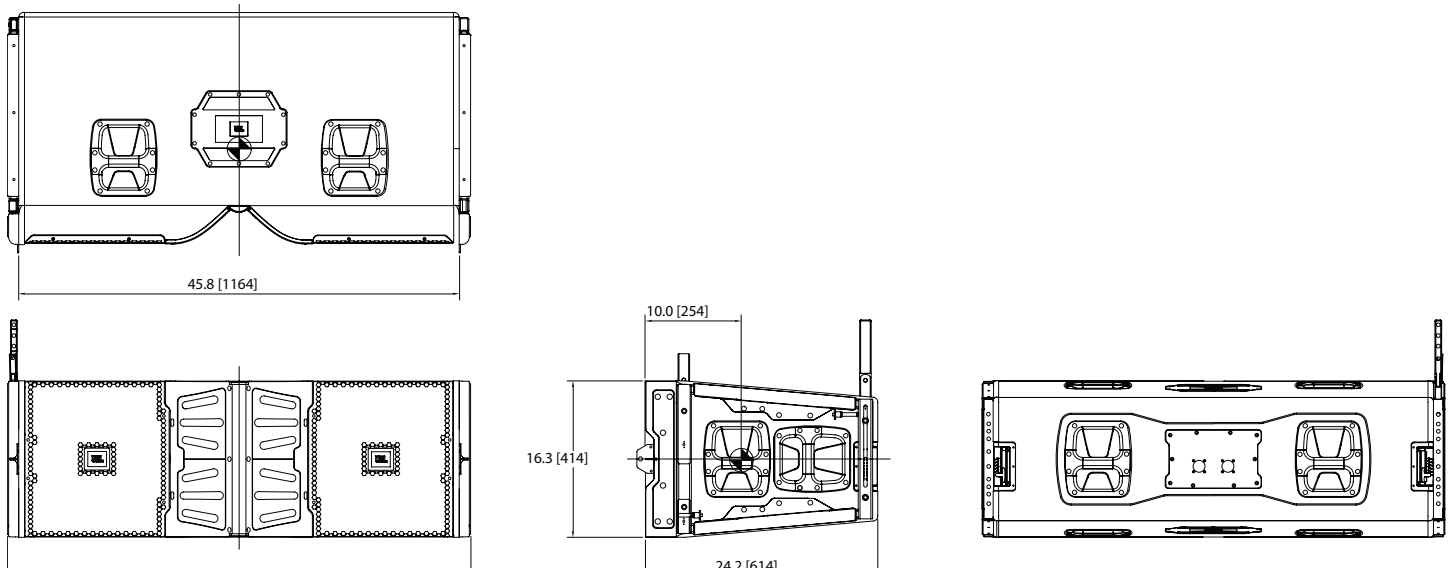


Beamwidth

-6dB Horizontal Coverage

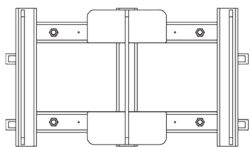


Dimensions



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