VTX SERIES
V20 S25
system solutions

JBL PROFESSIONAL by HARMAN

VTX PERFORMANCE BUILT FOR SPEED

VTX V20 features the advanced technology and extraordinary performance of the groundbreaking VTX V25 in a smaller format, high power density 3-way system complemented by a new suspension system that provides efficient transport, fast setup and precise configuration. All VTX V20 components have been specifically engineered to provide stable 110 degree horizontal coverage and effective line source array coupling in the vertical plane while delivering linear, transparent sound up to surprisingly high output levels for its diminutive size. A new small format version of the patented, legendary D2 Dual Diaphragm Dual Voice Coil High Frequency (HF) compression driver combined with JBL Professional's new Ultra-Linear 4" Mid Frequency (MF) and 10" Differential Drive™ Low Frequency (LF) transducers comprise V20's 3-way system design (2 x LF, 4 x MF, 3 x HF). The VTX Series' proven cast aluminum baffle construction is complemented by a new cast aluminum HF waveguide that combines with MF section Radiation Boundary Integrator® technology to deliver broad, consistent and precise horizontal coverage while providing proper vertical line source array coupling from 0 to 12.5 degrees. The companion dual 15", cardioid-arrayable S25 subwoofer provides industry-leading very low frequency output and can be integrated with V20 with tremendous versatility, either ground-stacked or suspended in mixed arrays or standalone.

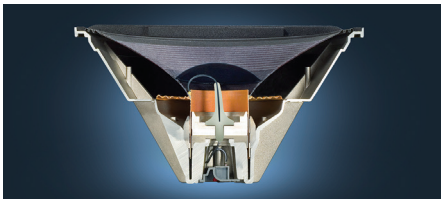
The V20 Series is the ideal choice for touring sound, rental companies and fixed installations requiring uncompromised sound quality and performance in a flexible, compact, easy to manage format.

D2 INSIDE

VTX V20 features three D2415K transducers – a new small format version of the patented D2 Dual Diaphragm, Dual Voice Coil annular (ring radiator) compression driver that delivers a dramatic increase in pure high frequency extension and sound pressure levels with significantly lower distortion, reduced power compression and lower weight combined with increased power handling, linearity and dynamic headroom.

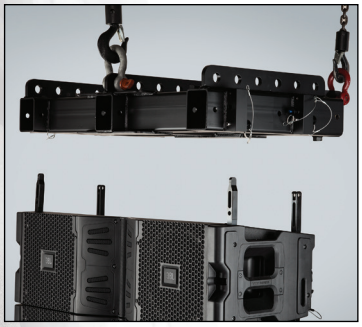
HIGH FREQUENCY WAVEGUIDE

A cast aluminum, 4th generation implementation of JBL Professional's advanced high frequency waveguide provides precise wavefront control, allowing for efficient vertical line source array coupling from 0 to 12.5 degrees. Tightly packed power density, improved structural rigidity and enhanced heat dissipation are all achieved in conjunction with VTX V20's cast aluminum front baffle construction and highly integrated, modular design.



DIFFERENTIAL DRIVE® INSIDE

JBL Professional's proprietary, patented Differential Drive® dual voice coil, dual magnetic gap driver technology dramatically reduces weight while providing high linear excursion capacity and greatly enhancing all critical performance parameters: frequency response, power output and distortion. Dual 10-inch and dual 15-inch transducers in VTX V20 and S25, respectively, both feature Differential Drive technology.

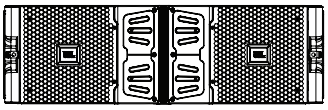


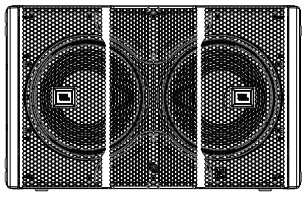
ASM SUSPENSION SYSTEM

VTX V20's new ASM Suspension System was specifically designed for ease of transport and handling, speed of installation and versatile re-configurability. Fully captive, ergonomic flip hingebars work in conjunction with a rotary cam angle stop mechanism (ASM) to select inter-enclosure angles quickly and efficiently while the array is being deployed. The dual mode ASM suspension system facilitates operation in either compression mode (using a rear pullback motor or hand hoist to set inter-enclosure angles) or traditional fixed angle suspension mode (using quick release pins to secure angles between enclosures). During de-installation, ASMs can quickly be reset to zero degrees to configure enclosures into travel position for convenient landing onto vertical transporters that are specifically designed to have truck pack friendly dimensions.

V5 INSIDE

VTX V20 and S25 models fully integrate with JBL Professional's comprehensive processing, amplification and intelligent control, including BSS® Audio OmniDriveHD Linear Phase FIR processing, Crown® ITech HD or Crown VRACK amplification and JBL HiQnet® Performance Manager™ control and JBL Line Array Calculator modeling software. Dedicated V5 OEM factory presets combined with advanced control and modeling software make the complex simple, providing convenient plug-and-play operation.





	VTX SERIES I V20	VTX SERIES I S25
System type:	Quad- or Bi-Amplified 3-Way High Directivity Line Array Element with D2 Technology	Suspendable, Cardioid-Arrayable, Dual 15" Subwoofer with Ultra Long Excursion Transducers
Components:	2 x 2261H Differential Drive® 10" diameter, Dual 3" Voice Coil Woofers 4 x 2164H Ultra-Linear 4" diameter, 2" Voice Coil Woofers 3 x D2415K Dual Diaphragm Dual Voice Coil Compression Drivers	2 x 2267H Differential Drive® 15"
Horizontal Coverage (-6 dB):	105 degrees nominal (315 Hz - 16 kHz)	
Vertical Coverage (-6 dB):	Varies with array size and configuration (0 - 12.5 deg inter-enclosure angles)	
Frequency Range (-10 dB):	60 Hz - 20 kHz (short throw mode, free field)	26 Hz – 2.5 kHz half-space conditions
Frequency Response (+/-3 dB):	80 Hz - 19 kHz (short throw mode, free field)	31 Hz - 2.4 kHz half-space conditions
Nominal Section Impedances:	2 x 8 ohms LF, 8 ohms MF, 8 ohms HF	2 x 8 ohms
Continuous Power Rating:	1200 W LF, 550 W MF, 315 W HF	4000W
Dimensions (H x W x D):	279.9 x 911.4 x 402.2 mm / (11.0 x 35.9 x 15.8 in)	566.4 x 909.3 x 629.9 mm (22.3 x 35.8 x 24.8 in)
Weight:	40 kg (88 lbs)	61.8 kg (136 lbs)

Learn more at **jblpro.com/VTX**

Hear the truth.

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