



HIGHLIGHTS

NEXT-GEN JBL LOUDSPEAKER TECHNOLOGY

Innovative 3-way (bi-amp) symmetrical design for best-in-class SPL output and a constant 110-degree directivity down to 300Hz

JBL TRANSDUCERS

Maximum transducer density with 8 proprietary JBL transducers specifically engineered for the VTX A8

INNOVATIVE RIGGING SYSTEM

A-Series full-range cabinets feature a patented auto-locking rigging system that is fast, simple to use and highly accurate

TOUR-GRADE BUILD QUALITY

A-Series cabinets are made out of the highest quality materials and finished with JBL's DuraFlex™ impact resistant coating

The VTX A8 is a next-generation line array element that delivers JBL Professional's flagship VTX A Series technology in a compact solution for small to mid-size rental and installed applications. The VTX A8 was designed to solve the diverse sound reinforcement needs of production companies, rental houses, theaters, houses of worship, as well as production applications requiring front fills, side arrays or other auxiliary support for larger-scale VTX systems. Proprietary JBL woofers and our latest-generation high-frequency transducer and waveguide technology, provides unmatched performance, efficiency, and a consistent 110-degrees of horizontal coverage. The A8 combines two 8" woofers, four 3.5" midrange drivers and two 2" high-frequency drivers in a single low-profile cabinet. Proprietary double-flared low-frequency ports, precisely calculated for greater low-frequency performance extend the usable operating range down to 49Hz. The VTX A8 shares the VTX A Series' patented rigging mechanism and suspension system for streamlined deployment, while a comprehensive suite of accessories open up a world of configuration options.

KEY MESSAGES

INSIDE THE INNOVATIONS

For VTX A8, next-generation transducers were engineered from the ground up by JBL to match the physical characteristics of its compact enclosure. Custom-designed low and mid-frequency sections along with flagship VTX A-Series 2" compression drivers deliver higher output, lower distortion and greater low-frequency extension. Physical design refinements integrate more drivers in a smaller, lighter cabinet, for maximum output in a dramatically reduced footprint. It all adds up to big-system JBL sound in a flexible, compact line array system.

3-WAY, 2-CHANNEL DESIGN

The VTX A8 features a 3-way design but utilizes a passive network to drive both the MF and HF sections with a single amplifier channel. Reducing system amplifier count translates to simpler configuration, lighter total weight, less truck space and lower overall costs.

INNOVATIVE RIGGING

The VTX A8 rigging is identical to the A12, for quick, easy deployment of integrated systems. Rigging features an auto-locking mechanism, which allows the selection of angles while components are on the ground; once the system is suspended, the mechanism automatically locks cabinet angles in designated positions. Set angles simply by pulling and placing a pin—it's that easy.

ACCESSORIES

Multiple accessory options provide flexibility in the VTX A8's mounting, integration and installation capabilities. Highlights include a Base Plate that mounts the A8 on top of ground-stacked subwoofers such as the new B18. The truss clamp and mini frame enable the A8 to be mounted on a truss, making it ideal for trade shows or small productions.

TECHNICAL SPECIFICATIONS

SYSTEM

Frequency Range (-10 dB): 49Hz - 19kHz (Preset: VTX A8)

Coverage Pattern (-6dB)

Horizontal: 110 degrees nominal (300Hz - 18kHz)
Vertical: Varies with array size and configuration

System Input Power Rating¹

LF : 600W Continuous (IEC/100 hour)
MF/HF : 390W Continuous (IEC/100 hour)

Maximum Peak Output²: 139dB (Preset: VTX A8)

System Amplification: Crown Audio I-Tech HD (all models)
 Crown Audio I-Tech 4x3500HD

Required Amplifier Channels: 2-Channels Bi-Amp (LF/MHF)

Number of Cabinets per Circuit: 3 x VTX A8

System Impedance

LF : 8 ohms
MF/HF : 8 ohms

TRANSDUCERS

Low Frequency : 2 x JBL 258J, 8in diameter, dual 2.5in diameter voice coil, Neodymium Differential Drive

Mid Frequency : 4 x JBL 2163H, 3.5in diameter, 2in diameter voice coil, Neodymium Magnet

High Frequency : 2 x JBL 2423K, 2in diameter annular diaphragm, 2in diameter voice coil, Neodymium Magnet

ENCLOSURE

Construction : 18mm and 15mm, 11-ply Baltic birch plywood, Black DuraFlex™ finish, integral recessed handles

IP Rating³ : IP55 (IEC 60529)

Suspension : Captive suspension plates, quick-release pins, auto-locking mechanism for setting angles

Inter-enclosure Angle : 0.25, 0.5, 1, 1.5, 2, 2.5, 3, 4, 6, 8, 10

Grill : Powder-coated 14-gauge hex-perforated steel with acoustically transparent black cloth backing

Connectors

Type : Neutrik® SpeakON® NL-4 (2x)
Pin Assignments : Pins 1 ± (LF), Pins 2 ± (MF/HF),

Dimensions (H x W x D) : 226.60mm x 761.29mm x 375.16mm
 8.92in x 29.97in x 14.77in

Net Weight : 29.5 kg (65 lbs)

Footnotes:

1: IEC Standard: IEC shaped noise with 6dB crest factor based on nominal impedance and a duration of 100 hours. Continuous is defined as 2x RMS.

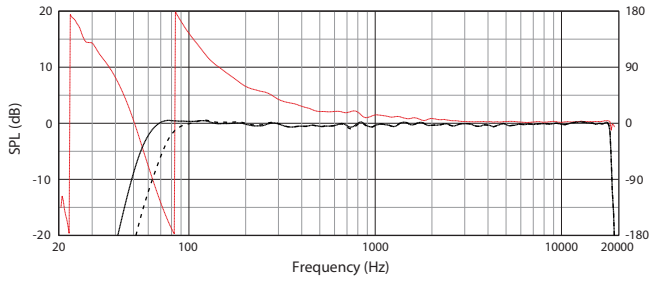
2: Peak, unweighted SPL, measured under full-space conditions at 1 meter using broadband pink noise with a 12dB crest factor and specified preset.

3: Front face at 0 degree or greater down angle to allow the cabinet to drain water. Suspension components fully weather rated for indoor or covered outdoor conditions where humidity is nominally under 50% and not local to bodies of corrosive materials.

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.

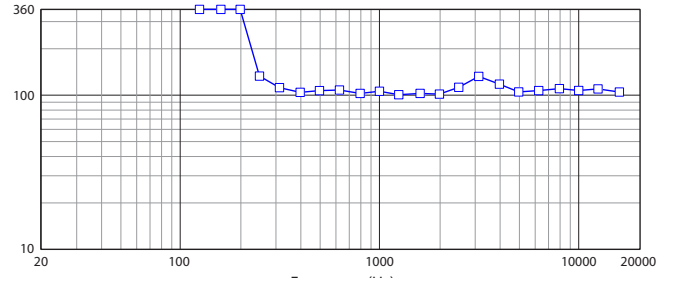
ACOUSTIC MEASUREMENTS

FREQUENCY RESPONSE



— VTX A8 FL - - - VTX A8 FL 80 — VTX A8 Phase

BEAMWIDTH



— Horizontal Beamwidth (-6dB)

DIMENSIONS

