

V25 3-Way Dual 15-Inch Line Array Element

ILLUSTRATED PRODUCT REFERENCE - WEBSITE EDITION

This download collects the 12 illustrated detail pages currently published for this product, in the same order. It preserves the existing product views, dimensions, specification tables and accessory references.

Reference configuration and component or system names are retained where needed to identify compatibility. They do not establish a YL certification or a verified rigging configuration. Confirm the supplied equipment, applicable product documentation and approved installation design before use.

The following pages reproduce the existing website material; this edition is not a new manufacturer test report or a replacement for a model-specific operating or rigging manual.

VTX V25-II

High Performance Dual 15 Line Array Element

35 Hz – 18 kHz

Frequency range (-10 dB), short throw mode

90° nominal

Horizontal coverage pattern

149.5 dB HF

Maximum peak output by band: LF 141 dB, MF 140.5 dB, HF 149.5 dB



Product Positioning

Full-size high-output line array for premium reinforcement.

VTX V25-II is a full size 3-way high-directivity line array element with a 4th-generation waveguide, D2 high-frequency drivers and Differential Drive LF/MF transducers.

Applications

Large touring systems, arenas, festivals, performance venues and high-output VTX deployments.

Core value

High acoustic output, precise horizontal/vertical coverage, fast S.A.F.E. suspension and I-TechHD/VRack processing workflow.



OFFICIAL TYPE

High Performance Dual 15 Line Array Element

Key Performance

35 Hz – 18 kHz

Frequency Range (-10 dB)

90°

Horizontal Coverage (-6 dB)

2×2000 W

LF Continuous AES / 2 h

1400 W

MF Continuous AES / 2 h

600 W

HF Continuous AES / 2 h

182 lb / 82.6 kg

Net Weight

Maximum Peak Output: 141 dB SPL (LF), 140.5 dB SPL (MF), 149.5 dB SPL (HF).

Recommended system: I-TechHD or VRack power amplification with HiQnet Performance Manager control.



Acoustic & Enclosure Design

3-way transducer platform

LF: 2x 2267H 15 in Differential Drive; MF: 4x 2169H 8 in Differential Drive;
HF: 3x 2430K D2 dual-diaphragm compression drivers.

Waveguide & RBI

Latest-generation Radiation Boundary Integrator and HF waveguide technology improve wavefront control and long-throw performance.

Enclosure build

Cast aluminum front baffle plus 18 mm 11-ply Finnish birch plywood, black DuraFlex finish and integral recessed handles.



PROTECTIVE STRUCTURE

Powder-coated 14-gauge hex-perforated steel grille with acoustically transparent black cloth backing.

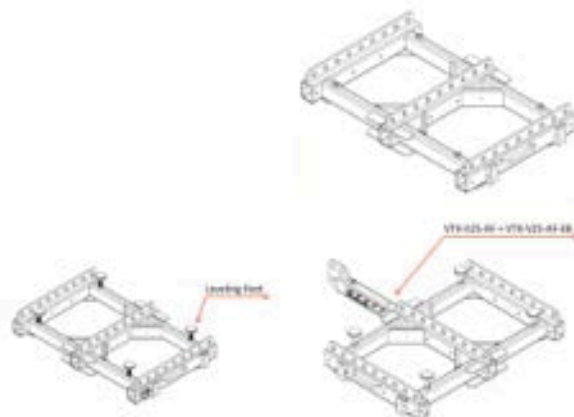
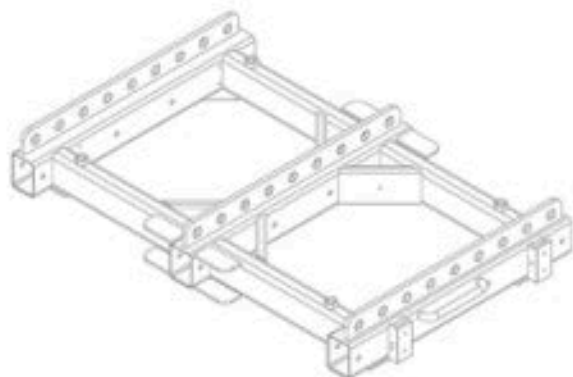


Technical Specifications

PARAMETER	OFFICIAL SPECIFICATION
Product Model	VTX V25-II
Type	High Performance Dual 15 Line Array Element / full size high-directivity line array element
Drivers	LF: 2× 2267H 15 in; MF: 4× 2169H 8 in; HF: 3× 2430K D2 compression drivers
Frequency Response	Not specified in official materials; Frequency Range (-10 dB): 35 Hz – 18 kHz
Rated Power	LF: 2×2000 W; MF: 1400 W; HF: 600 W Continuous (AES / 2 hour)
Peak Power	Not specified in official materials
Sensitivity	LF: 99 dB; MF: 103 dB; HF: 116 dB, 1 W / 1 m free field
Maximum SPL	141 dB SPL (LF), 140.5 dB SPL (MF), 149.5 dB SPL (HF)
Nominal Impedance	LF: 2×8 ohms; MF: 1×8 ohms; HF: 1×8 ohms
Coverage / Dispersion	Horizontal: 90° nominal (300 Hz – 16 kHz); Vertical varies with array size and configuration

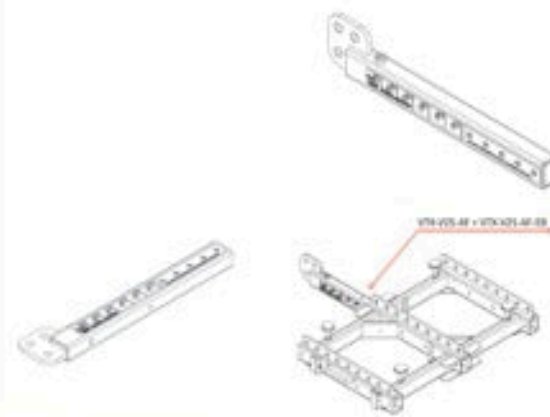
PARAMETER	OFFICIAL SPECIFICATION
Enclosure	Cast aluminum front baffle; 18 mm 11-ply Finnish birch plywood; integral recessed handles
Finish	Black DuraFlex finish
Protective Grille	Powder-coated 14-gauge hex-perforated steel with black cloth backing
Connectors	2× speakON NL-8; LF1 1±, LF2 2±, MF 3±, HF 4±
Dimensions	414 mm × 1223.5 mm × 614 mm / 16.3 in × 48.2 in × 24.2 in (H × W × D)
Weight	82.6 kg / 182 lb
Supplied Fittings	Fixed angle ASM suspension system; 0–10° inter-enclosure angle options
Recommended Amplifier	I-TechHD or VRack with OmniDriveHD V5 / HiQnet Performance Manager
System Control	HiQnet Performance Manager
Suspension	S.A.F.E. fixed angle tension suspension system

System Application / Rigging



VTX-V25-AF Array Frame

Suspending or ground stacking VTX V25 series enclosures; compatible with VTX V25-II and VTX S28.



VTX-V25-AF-EB Extension Bar

Adds front/rear or side-by-side pick point flexibility for tension, compression and ground-stack applications.

Rigging must follow current specific design calculations.

documentation, load limits, suspension mode and project-

Deployment Options



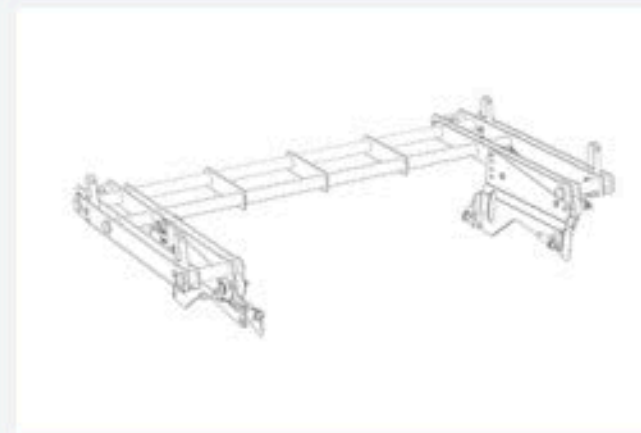
SUSPENDED LINE ARRAY

Fixed-angle ASM suspension supports 0–10° inter-enclosure angle options.



ARRAY FRAME + EXTENSION

Pick-point flexibility for single- or two-point suspension and ground stack stability.

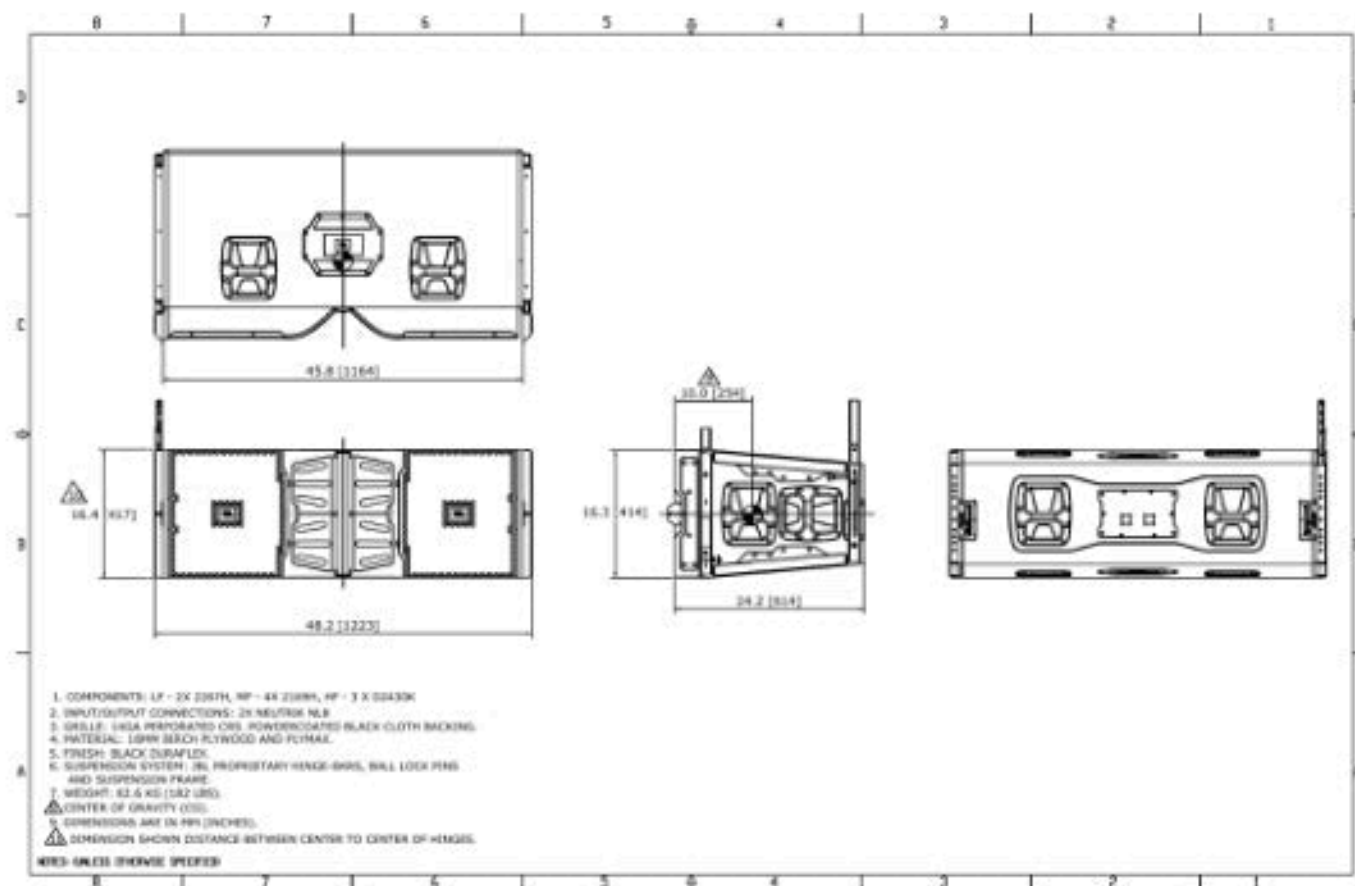


DOWN-FILL ADAPTER

VTX V20-DF can support V20 down-fill below V25-II arrays.

Deployment shown uses official product/accessory images; final configurations must follow JBL rigging and prediction documentation.

Technical Drawing / Dimensions



Official drawing / datasheet dimensions: 414 mm × 1223.5 mm × 614 mm / 16.3 in × 48.2 in × 24.2 in (H × W × D)

Connections & Hardware Details



NL-8 system connection

Two Neutrik speakON NL-8 connectors route LF1, LF2, MF and HF bands for active processing.

Pin assignment

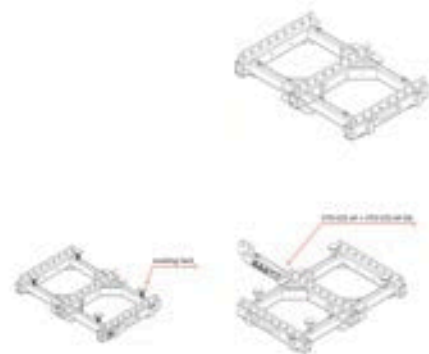
LF1: 1±; LF2: 2±; MF: 3±; HF: 4±, according to official datasheet.

Hardware

Fixed angle ASM suspension system with 0–10° angle options and JBL S.A.F.E. fixed-angle tension suspension.

System impedance: LF 2×8 ohms | MF 1×8 ohms | HF 1×8 ohms • Processing via Crown I-TechHD / VRack + BSS OmniDriveHD V5

Accessories



VTX-V25-AF

Array frame for V25/V25-II and S28 systems



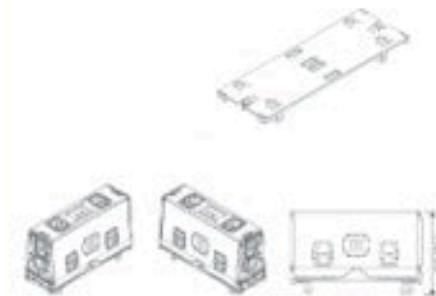
VTX-V25-AF-EB

Extension bar for flexible pick points



VTX-V25-PB

Pull-back accessory for compression suspension



VTX-V25-ACC

Protective cover and dolly kit for one enclosure

Accessory compatibility and load limits are based on current official documentation and must be verified per project.



Application Scenarios

Large touring sound systems

Festival main arrays

Arena reinforcement

High-output fixed installs

VTX family deployments

Scenarios reflect official product positioning; images are official product/accessory visuals, not claimed named case studies.

Product Summary

VTX V25-II

High Performance Dual 15 Line Array Element

35 Hz – 18 kHz

Frequency range

90°

Horizontal coverage

2×2000 W LF

LF continuous power

182 lb / 82.6 kg

Net weight



CONTACT / SALES INFORMATION

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