

VTX A12

Dual 12-inch Line Array Loudspeaker | 90-Degree Dispersion

46 Hz – 19 kHz

Frequency range (-10 dB), preset: VTX A12

146 dB

Maximum peak output

90° nominal

Horizontal coverage pattern

Official JBL Professional product detail



Product Positioning

Compact flagship line-array performance for touring and fixed installs.

The official datasheet positions VTX A12 for mid- to large-size touring applications and high-end fixed installations, serving rental companies, installation houses, FOH engineers and tour sound production crews.

Applications

Festivals, arenas, theatres, large performance venues, houses of worship and premium installed sound.

Core value

High output, controlled 90° directivity, fast patented rigging and a comprehensive accessory ecosystem.



OFFICIAL TYPE

Dual 12-inch Line Array Loudspeaker | 90-Degree Dispersion

Key Performance

46 Hz – 19 kHz

Frequency Range (-10 dB)

146 dB

Maximum Peak Output

90°

Horizontal Coverage (-6 dB)

2×800 W

LF Continuous IEC/100 h

400 W / 150 W

MF / HF Continuous IEC/100 h

134 lb / 60.8 kg

Net Weight

System amplification: Crown I-Tech 9000HD, Crown I-Tech 12000HD or Crown I-Tech 4x3500HD.

Required amplifier channels: 4 channels (LF | LF | MF | HF). Number of cabinets per circuit: 3 VTX A12.



Acoustic & Enclosure Design

3-way transducer system

Nine custom JBL transducers: 2× JBL 2264H LF, 4× JBL 2165H MF and 3× JBL 2423K HF compression drivers.

Waveguide & RBI

The Radiation Boundary Integrator places four 5.5-inch MF drivers into the HF waveguide for smooth acoustic integration.

Enclosure build

15 mm 11-ply Finnish birch plywood, Black DuraFlex finish, four integral recessed handles and IP55 rating.



PROTECTIVE STRUCTURE

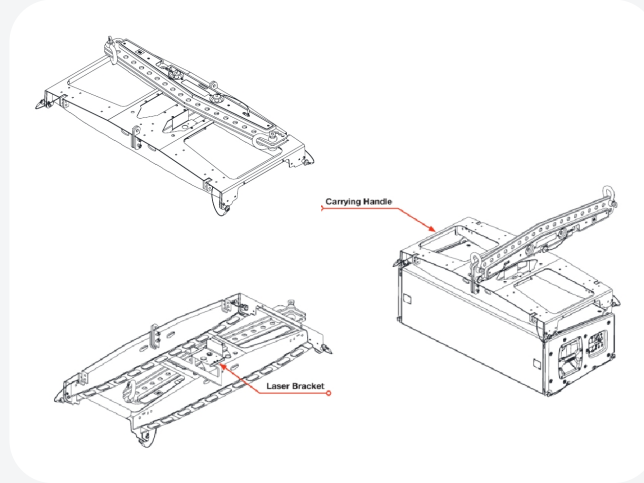
Powder-coated 1.8 mm hex-perforated steel grille with acoustically transparent black cloth backing.

Technical Specifications

PARAMETER	OFFICIAL SPECIFICATION
Product Model	VTX A12
Type	Dual 12-inch Line Array Loudspeaker 90-Degree Dispersion
Drivers	LF: 2× JBL 2264H 12 in; MF: 4× JBL 2165H 5.5 in; HF: 3× JBL 2423K 2 in annular diaphragm compression drivers
Frequency Response	Not specified in official materials; Frequency Range (-10 dB): 46 Hz – 19 kHz
Rated Power	LF: 2×800 W Continuous; MF: 400 W Continuous; HF: 150 W Continuous (IEC/100 h)
Peak Power	Not specified in official materials
Sensitivity	Not specified in official materials
Maximum SPL	146 dB Maximum Peak Output
Nominal Impedance	LF: 2×8 ohms; MF: 8 ohms; HF: 8 ohms
Coverage / Dispersion	Horizontal: 90° nominal (250 Hz – 18 kHz); Vertical varies with array size and configuration

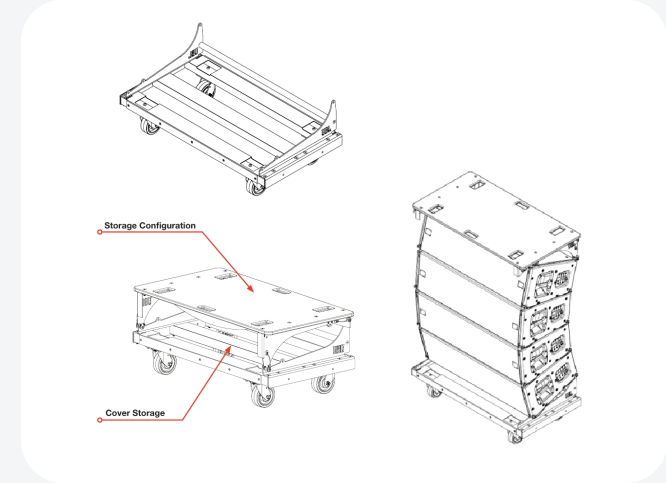
PARAMETER	OFFICIAL SPECIFICATION
Enclosure	15 mm 11-ply Finnish birch plywood; four integral recessed handles
Finish	Black DuraFlex impact-resistant finish
Protective Grille	Powder-coated 1.8 mm / 14-gauge hex-perforated steel with black cloth backing
Connectors	2× Neutrik speakON NL-8; Pins 1 ± LF, Pins 2 ± LF, Pins 3 ± MF, Pins 4 ± HF
Dimensions	330 mm × 1118 mm × 495 mm / 13 in × 44 in × 19.5 in (H × W × D)
Weight	60.8 kg / 134 lb
Supplied Fittings	Integrated suspension hardware, captive suspension plates, quick-release pins
Recommended Amplifier	Crown I-Tech 9000HD, Crown I-Tech 12000HD, Crown I-Tech 4x3500HD
IP Rating	IP55 EN (60529)
Inter-enclosure Angle	0.25°, 0.5°, 1°, 1.5°, 2°, 2.5°, 3°, 4°, 6°, 8°, 10°

System Application / Rigging



Patented auto-locking rigging

Angles can be selected on the ground and automatically lock as the array is suspended.



Array frame ecosystem

VTX A12 AF MKII supports single-point, dual-point and quad-point suspension with VTX A12 and VTX B35 arrays.

Always follow official JBL rigging manual limits, inspection rules and project-specific array calculations.

Deployment Options



FLOWN MAIN ARRAYS

Curved A12 arrays for long-throw vertical coverage control.



GROUND-STACKED WITH SUBS

Base plate options support A12 above ground-stacked subwoofers such as B28.

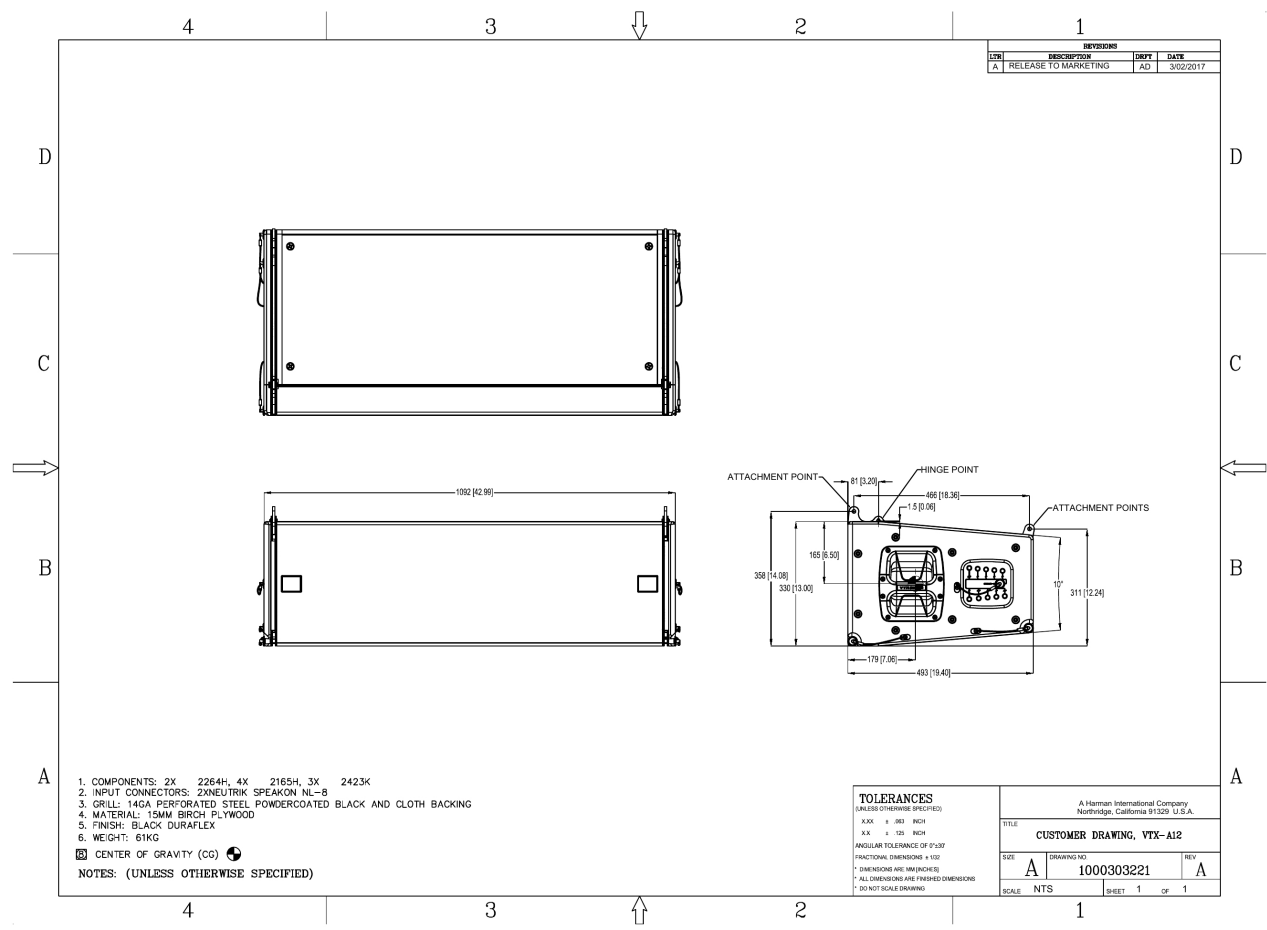


VERTICAL TRANSPORTER

Four A12 elements can be stacked on the transporter for fast deployment.

Deployment shown is illustrative of official system/accessory options; final configuration must follow JBL documentation.

Technical Drawing / Dimensions



Official customer drawing: 330 mm × 1118 mm × 495 mm / 13 in × 44 in × 19.5 in (H × W × D)

Connections & Hardware Details



Input connectors

Two Neutrik speakON NL-8 connectors; pin assignments split LF, MF and HF sections for 4-channel operation.

Amplifier topology

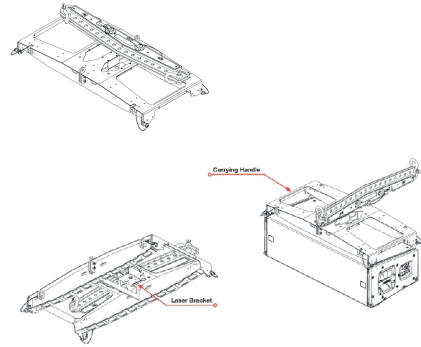
Recommended Crown I-Tech HD amplification; LF | LF | MF | HF channels for each loudspeaker circuit.

Rigging hardware

High-grade steel with anti-corrosion coating, captive suspension plates, quick-release pins and auto-locking angle mechanism.

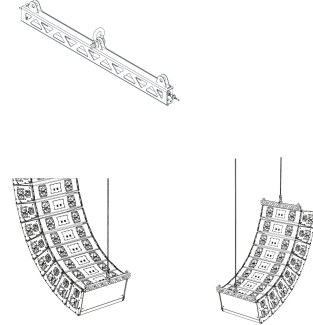
System impedance: LF 2×8 ohms | MF 8 ohms | HF 8 ohms · Cabinets per circuit: 3 VTX A12

Accessories



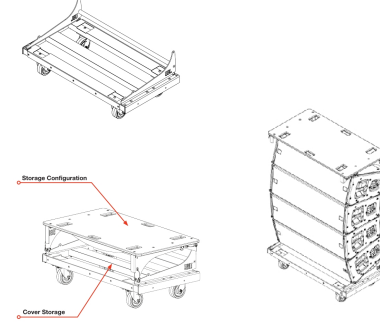
VTX A12 AF MKII

Array frame for suspending VTX
A12 and VTX B35 arrays



VTX A12 SB

Suspension bar / accessory for
array deployment



VTX A12 VT

Vertical transporter for moving and
deploying A12 elements



VTX A12 VT GND

Ground deployment / transporter
accessory view

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



Application Scenarios

Mid- to large-size touring

High-end fixed installations

Festivals & outdoor events

Arenas and performance venues

Rental and production inventories

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

Product Summary

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CONTACT / SALES INFORMATION

Company · Contact · Phone · Email · Website