

VTX B28

Arrayable Dual-18-inch Subwoofer

25 Hz – 80 Hz

Frequency range (-10 dB), preset: VTX B28 80

141 dB

Maximum peak output

2600 W

System input power rating, continuous IEC/100 h

Official JBL Professional product detail



Product Positioning

High-output, controllable low-frequency reinforcement.

The VTX B28 is JBL Professional's next-generation dual 18-inch subwoofer, designed to complement flagship VTX full-range systems for demanding touring, rental, AV and high-end fixed-install work.

Applications

Touring systems, festivals, arenas, high-end fixed installations and full-range VTX deployments needing deep LF extension.

Core value

Dual Differential Drive woofers, patented two-point rigging, cardioid/omni flexibility and strong accessory support.



OFFICIAL TYPE

Arrayable Dual-18-inch Subwoofer

Key Performance

25 Hz – 80 Hz

Frequency Range (-10 dB)

141 dB

Maximum Peak Output

2600 W

Continuous IEC/100 h

4 ohms

System Impedance

2×18 in

JBL 2288H-M LF Drivers

191.8 lb / 87 kg

Net Weight

Amplification: Crown I-Tech 12000HD or Crown I-Tech 4x3500HD. Required amplifier channels: one SUB channel.

Number of cabinets per amplifier: two VTX B28 on IT-12000HD or IT-4x3500HD, per official datasheet notes.



Acoustic & Enclosure Design

Dual Differential Drive LF

Two JBL 2288H-M 18-inch woofers with dual 4-inch voice coils and neodymium Differential Drive technology.

Low turbulence porting

Double-flared, exponential low-frequency ports improve airflow and reduce audible turbulence at high output.

Tour-grade enclosure

18 mm 13-ply and 12 mm 9-ply Finnish birch plywood with Black DuraFlex finish and four recessed handles.



PROTECTIVE STRUCTURE

Powder-coated 1.8 mm / 14-gauge hex-perforated stainless steel grille with acoustically transparent black cloth backing.

Technical Specifications

LA SOUNDX®

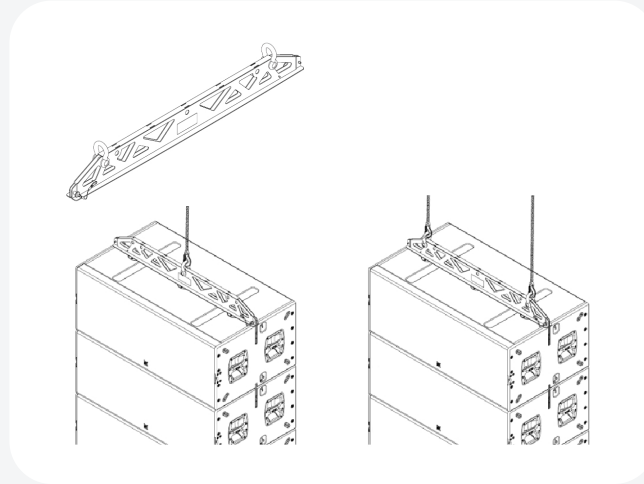
PROFESSIONAL AUDIO SYSTEM



PARAMETER	OFFICIAL SPECIFICATION
Product Model	VTX B28
Type	Arrayable Dual-18-inch Subwoofer
Drivers	Low Frequency: 2× JBL 2288H-M, 18 in, dual 4 in voice coil, Neodymium Differential Drive
Frequency Response	Not specified in official materials; Frequency Range (-10 dB): 25 Hz – 80 Hz
Rated Power	2600 W Continuous (IEC/100 hour)
Peak Power	Not specified in official materials
Sensitivity	Not specified in official materials
Maximum SPL	141 dB Maximum Peak Output
Nominal Impedance	4 ohms
Coverage / Dispersion	Omnidirectional or cardioid; based on preset selection and cabinet orientation/configuration

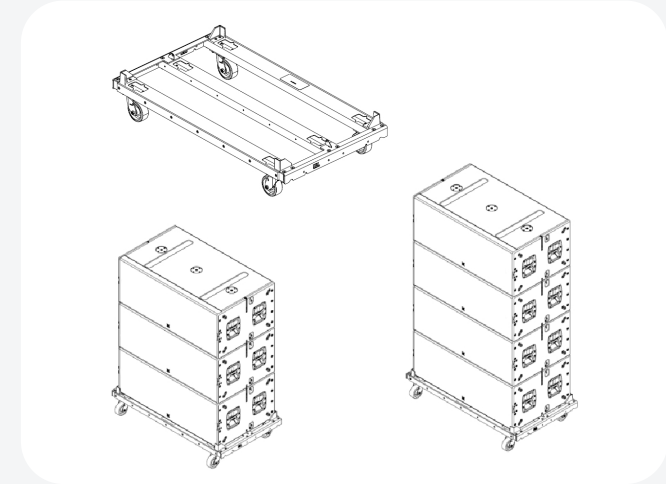
PARAMETER	OFFICIAL SPECIFICATION
Enclosure	18 mm 13-ply and 12 mm 9-ply Finnish birch plywood; four integral recessed handles
Finish	Black DuraFlex finish
Protective Grille	Powder-coated 1.8 mm / 14-gauge hex-perforated stainless steel with black cloth backing
Connectors	Neutrik speakON NL4, one rear and one front; Pins 1± active, Pins 2± not connected
Dimensions	508 mm × 1324 mm × 750 mm / 20 in × 52.1 in × 29.5 in (H × W × D)
Weight	87 kg / 191.8 lb
Supplied Fittings	Captive suspension plates, captive pins, spring-loaded mechanism, two-step safety lock
Recommended Amplifier	Crown I-Tech 12000HD or Crown I-Tech 4x3500HD
IP Rating	IP55 (IEC 60529)
Suspension	High-grade steel with anti-corrosion coating; up to 16 suspended enclosures per official rigging documentation

System Application / Rigging



Two-point rigging system

Captive link bars deploy by spring-loaded mechanism; locking levers and sliding pins secure cabinets.



Suspended or stacked

Official documentation supports suspended arrays, ground stacks and cardioid/omni configurations.

Always follow JBL rigging manual limits, inspection rules and project-specific design software validation.

Deployment Options



GROUND STACK

Single or multiple B28 subwoofers for omni LF deployment.



MULTI-CABINET STACK

Stacked systems for larger low-frequency output and coverage control.

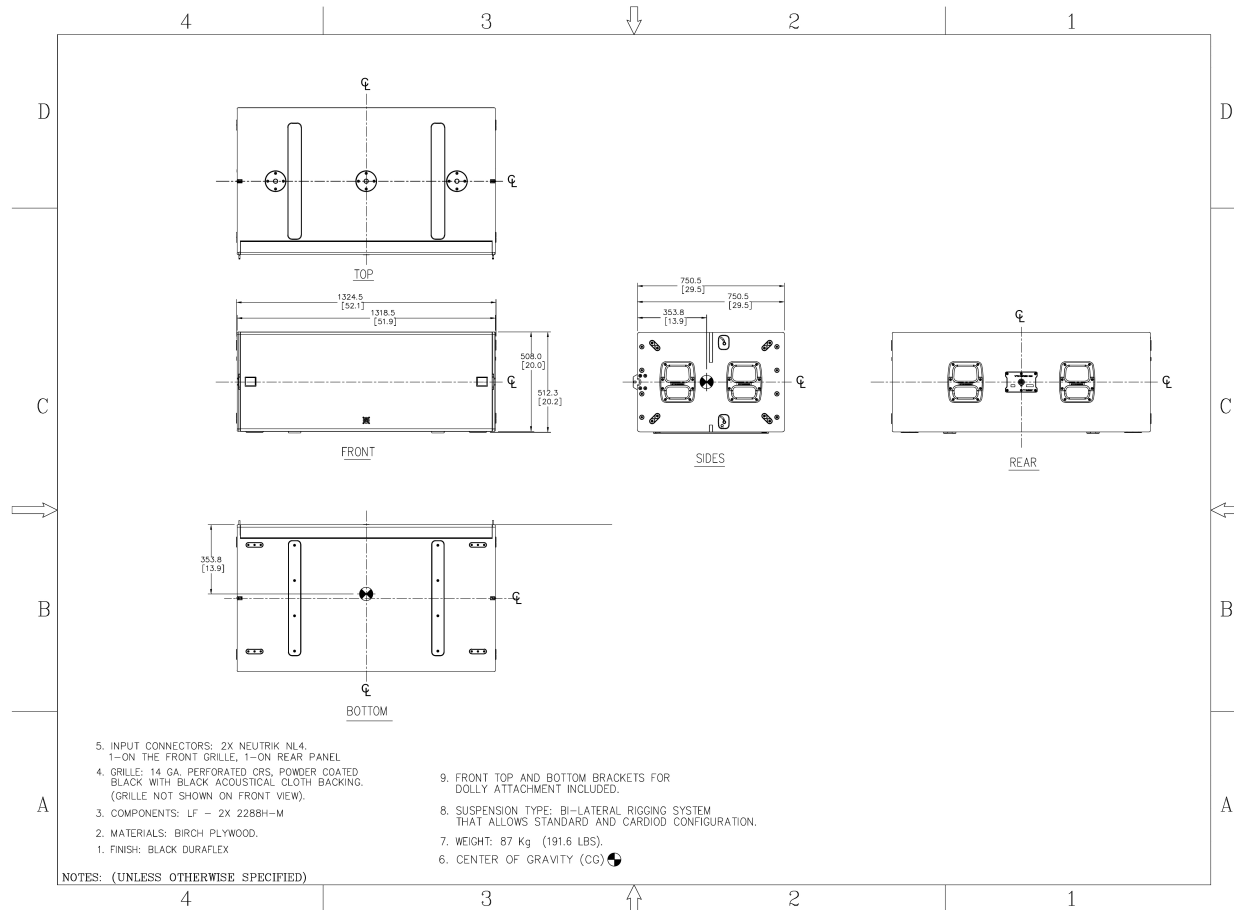


CARDIOID / SUSPENDED ARRAYS

Cardioid arrays are formed by cabinet orientation and preset selection.

Deployment shown uses official product/system images; final configurations must follow JBL presets, manuals and load documentation.

Technical Drawing / Dimensions



Official customer drawing: 508 mm × 1324 mm × 750 mm / 20 in × 52.1 in × 29.5 in (H × W × D)

Connections & Hardware Details



Front and rear inputs

Neutrik speakON NL4 connectors are available on both front and rear panels for omni or cardioid cabling.

Pin assignment

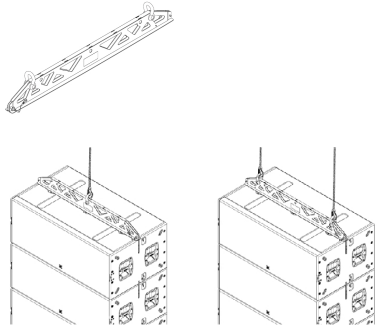
Pins 1± active; Pins 2± not connected, according to the official datasheet.

Hardware

Captive suspension plates, captive pins, spring-loaded link bars and two-step safety lock support fast deployment.

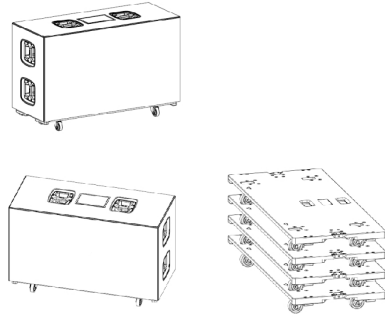
System impedance: 4 ohms · Required amplifier channels: one SUB channel · IP55 when unused speakON connectors are sealed

Accessories



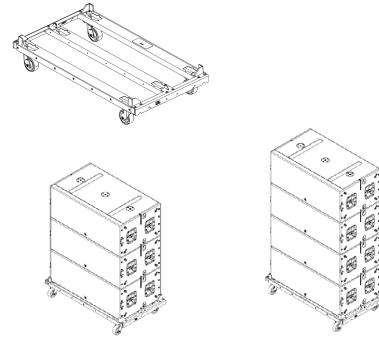
VTX B28 SB

Suspension bar for B28 array deployment



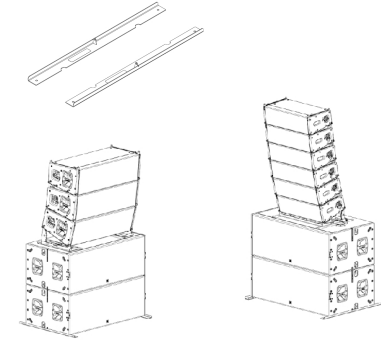
VTX B28 ACC

Casterboard and padded cover transport kit



VTX B28 VT

Vertical transporter for up to four B28 enclosures



VTX B28 GND

Ground stack outrigger accessory for B28 systems

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



Application Scenarios

Touring low-frequency systems

Festival and arena reinforcement

Cardioid subwoofer arrays

High-end fixed installations

Rental and AV production inventories

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

Product Summary

VTX B28

Arrayable Dual-18-inch Subwoofer

25 Hz – 80 Hz

Frequency range

141 dB

Maximum peak output

2600 W

Continuous power rating

191.8 lb / 87 kg

Net weight



CONTACT / SALES INFORMATION

Company · Contact · Phone · Email · Website