

VTX M22

Dual 12" Professional Stage Monitor

45 Hz – 19.5 kHz

Frequency range (-10 dB)

60° × 60°

Image Control Waveguide coverage pattern

138 dB SPL

Maximum peak output with VTX M22 FR preset

Official JBL Professional product detail



Product Positioning

A compact, high-output monitor for premium stage sound.

VTX M22 is positioned as JBL Professional's dual 12-inch stage monitor for high-SPL touring, broadcast, installed and live-event applications where consistent coverage and low profile matter.

Applications

Mainstage wedges, broadcast stages, theatrical monitoring, touring monitor packages and fixed performance venues.

Core value

High acoustic output, 60° × 60° control, passive or bi-amp operation and a 30° monitor angle in a compact enclosure.



OFFICIAL TYPE

Dual 12" Professional Stage Monitor

Key Performance

45 Hz – 19.5 kHz

Frequency Range (-10 dB)

138 dB SPL

Maximum Peak Output

60° × 60°

Coverage Pattern (-6 dB)

1500 W

Passive Continuous Rating

1500 W + 100 W

Active LF + HF Continuous

60 lb / 27 kg

Net Weight

Designed around two 2262H 12-inch LF drivers and one D2430H D2 compression driver; system processing is provided through Crown I-Tech HD amplification and JBL presets.

Official datasheet values are shown as published; unspecified fields are explicitly marked in the technical table.



Acoustic & Enclosure Design

Dual 12-inch LF section

2 × 2262H 12-inch transducers with dual 3-inch voice coils, neodymium Differential Drive and Direct Cooled construction.

D2 high-frequency system

One D2430H D2 dual-diaphragm compression driver supports high-output monitor reproduction.

60° × 60° waveguide

JBL Image Control Waveguide provides controlled stage coverage in horizontal and vertical planes.



ENCLOSURE / PROTECTION

18 mm, 11-ply Finnish birch plywood with 14-gauge hex-perforated steel grille and black cloth backing.

Technical Specifications

LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM



PARAMETER	OFFICIAL SPECIFICATION
Product Model	VTX M22
Type	Dual 12" Professional Stage Monitor
Drivers	LF: 2 × 2262H, 304 mm (12 in), dual 76 mm (3 in) voice coil, NDD, Direct Cooled; HF: 1 × D2430H, D2 dual diaphragm, dual 76 mm (3 in) voice coil
Frequency Response	Not specified in official materials; Frequency Range (-10 dB): 45 Hz – 19.5 kHz
Rated Power	Passive: 1500 W Continuous (IEC / 100 h); Active LF: 1500 W Continuous, HF: 100 W Continuous
Peak Power	Not specified in official materials; Maximum Peak Output: 138 dB SPL
Sensitivity	Not specified in official materials
Maximum SPL	138 dB SPL (Preset: VTX M22 FR)
Nominal Impedance	Passive: 4 ohms; Active LF: 4 ohms, HF: 8 ohms
Coverage / Dispersion	60° horizontal × 60° vertical (-6 dB)

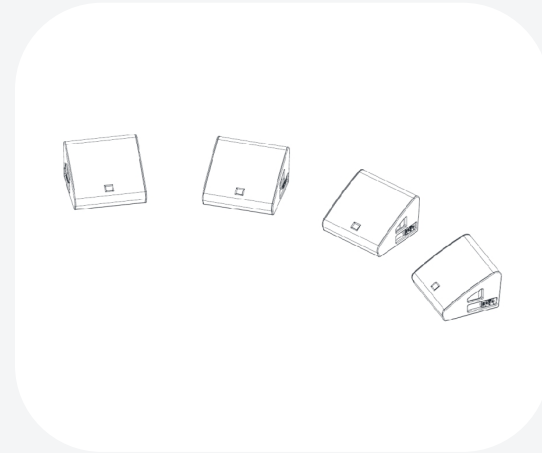
PARAMETER	OFFICIAL SPECIFICATION
Enclosure	18 mm, 11-ply Finnish birch plywood
Finish	Black DuraFlex finish
Protective Grille	Powder-coated 14-gauge hex-perforated steel with acoustically transparent black cloth backing
Connectors	Passive: Neutrik speakON NL-4 (4x), selectable pins 1± or 2±; Active: pins 1± LF, pins 2± HF
Dimensions	380.1 mm × 670.8 mm × 555.0 mm / 15.0 in × 26.4 in × 21.8 in
Weight	27 kg / 60 lb
Supplied Fittings	Not specified in official materials
Recommended Amplifier	Crown Audio I-Tech HD Series; Crown Audio I-Tech 4x3500HD
Monitor Angle	30 degrees
System Latency	3.33 ms

System Application / Rigging



Passive or bi-amp workflow

Four NL4 inputs support passive operation or active LF/HF pin assignment per official JBL documentation.

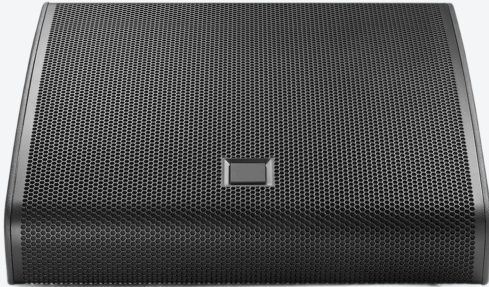


Floor monitor deployment

VTX M22 is a low-profile stage monitor with a 30° monitor angle; deployment is floor-oriented rather than flown array rigging.

Use official JBL VTX M Series manual, presets and wiring documentation for final system design and amplifier setup.

Deployment Options



SINGLE WEDGE

Compact dual 12-inch stage monitor for vocal or instrument cue mixes.



LOW-PROFILE STAGE LINE

30° monitor angle supports clear sightlines and close stage placement.

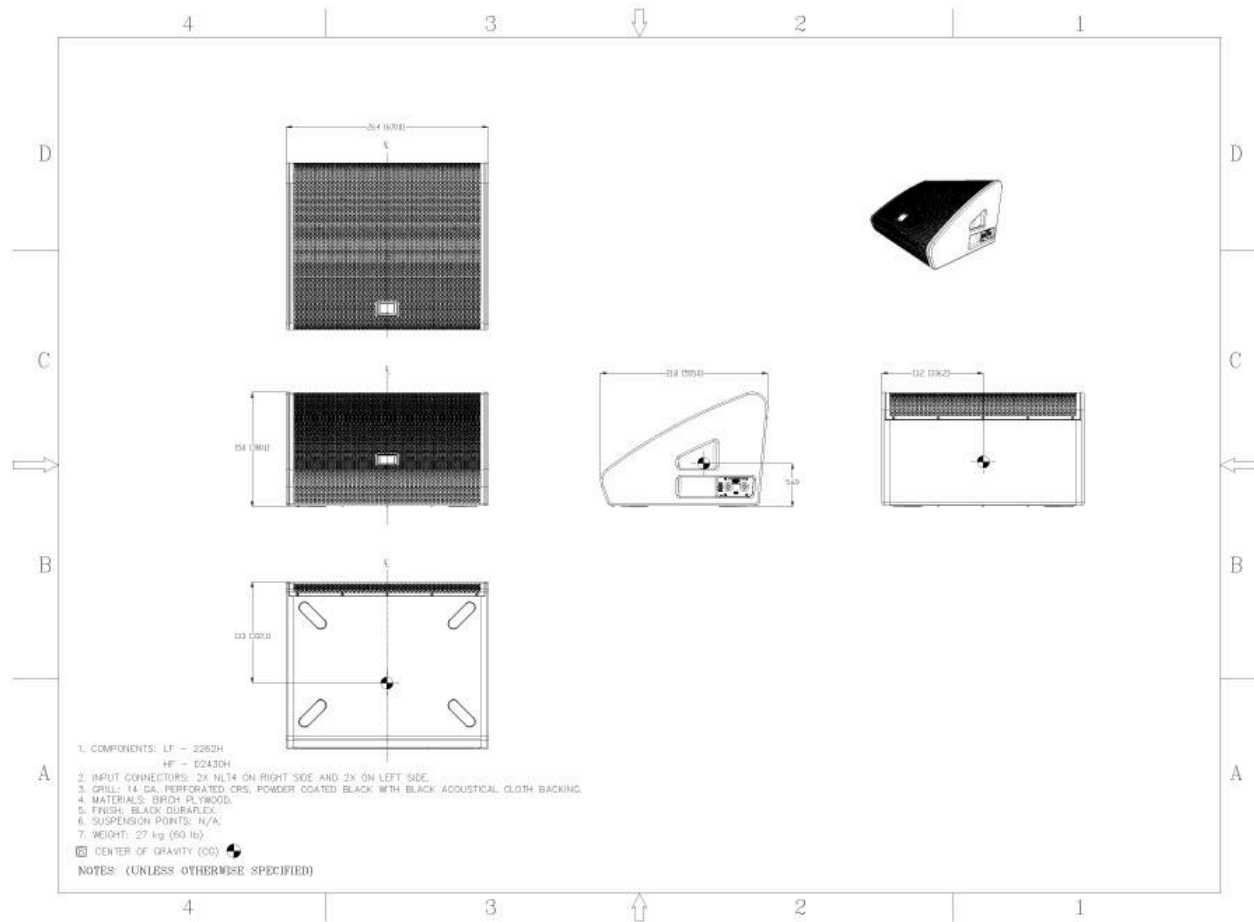


M SERIES FAMILY

M22 sits in the VTX M Series family for scalable professional monitoring.

Deployment descriptions are product-use logic based on official materials; they are not presented as named real-world case studies.

Technical Drawing / Dimensions



Official VTX-M22 customer drawing and datasheet dimensions: 380.1 mm × 670.8 mm × 555.0 mm / 15.0 in × 26.4 in × 21.8 in

Connections & Hardware Details



Input connector set

Four Neutrik speakON NL-4 connectors are provided for passive or active operation.

Passive pin selection

Passive mode is selectable on pins 1± or pins 2± according to the official datasheet.

Active pin assignment

Active mode uses pins 1± for LF and pins 2± for HF with Crown I-Tech HD processing.

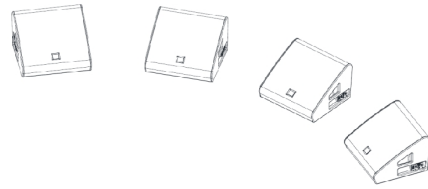
System impedance: Passive 4 ohms · Active LF 4 ohms / HF 8 ohms · Recommended amplifier: Crown I-Tech 4x3500HD

Accessories



VTX M Series Brochure

Official family overview and model positioning



VTX M Series User Manual

Official deployment, wiring and operating reference



Image Control Waveguide

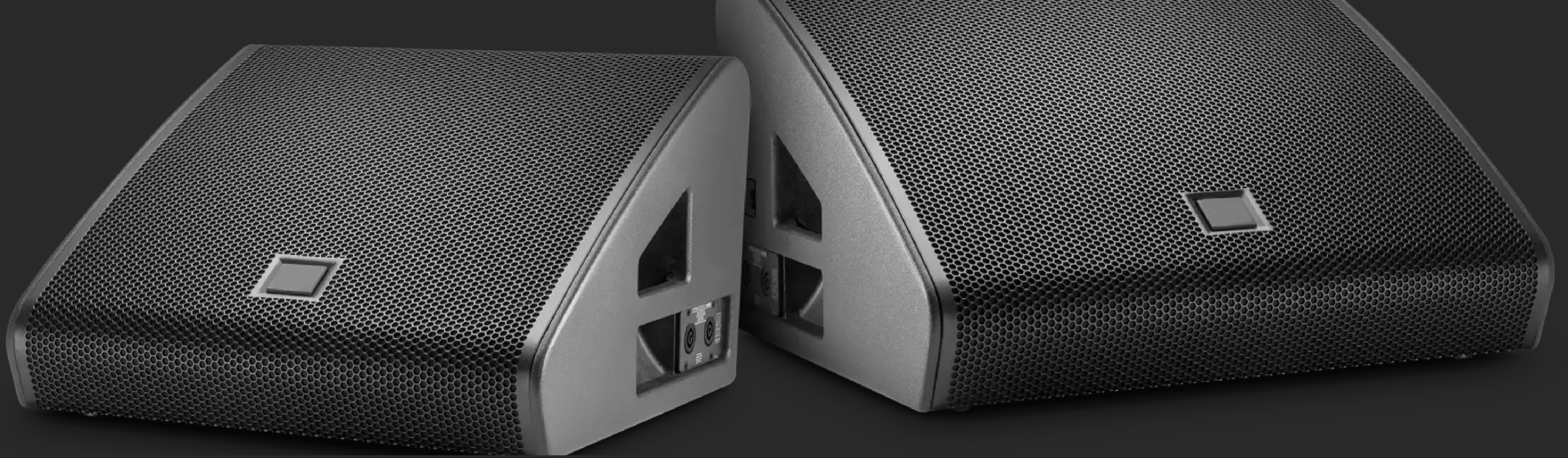
Official M Series acoustic component detail



VTX M22 Hardware Detail

Official product construction/detail image

The official materials reviewed for VTX M22 emphasize manuals, system documentation and M Series acoustic/hardware details rather than a separate flown-rigging accessory kit.



Application Scenarios

Touring monitor systems

Broadcast stage monitoring

Concert vocal wedges

Theatrical performance venues

Fixed professional stages

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

Product Summary

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45 Hz – 19.5 kHz

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138 dB SPL

Maximum peak output

60° × 60°

Coverage pattern

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Net weight



CONTACT / SALES INFORMATION

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