

MJF-210

Low-Profile High-Power Stage Monitor

55 Hz–18 kHz

Operating frequency range

134 dB

Linear peak SPL · M-noise

50° × 70°

Horizontal × vertical coverage

Official product detail · English specifications



Product Positioning

Touring-level output. Low-profile stage geometry.

A self-powered, high-power stage monitor engineered for high vocal clarity, substantial low-frequency headroom and repeatable performance on demanding stages.

Applications

Main vocal monitor · high-output instrument monitor · touring stages · festivals · performance venues

Core value

High linear peak SPL, controlled 50° × 70° dispersion, low-profile sight lines and integrated amplification in one road-ready enclosure.



SYSTEM ROLE

A premium stage-monitor platform for artists and production teams requiring strong gain before feedback, wide vertical coverage and consistent self-powered deployment.

Key Performance

55 Hz–18 kHz

Operating frequency range

60 Hz–16 kHz ± 4 dB

Frequency response

134 dB

Linear peak SPL · M-noise

1950 W peak

Integrated amplifier output

67 lb / 30.4 kg

Net weight

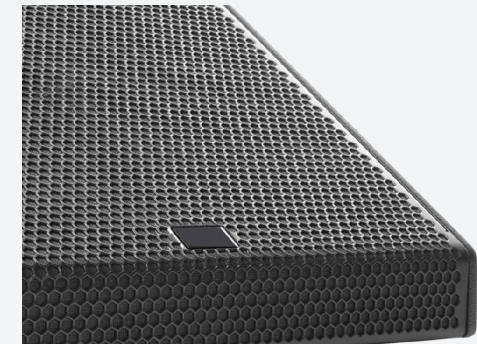
50° × 70°

Horizontal × vertical coverage

SPL OPTIONS

132.5 dB pink noise · 132.5 dB B-noise

Linear peak SPL measured free-field at 4 m and referred to 1 m.



Acoustic & Enclosure Design

Low frequency

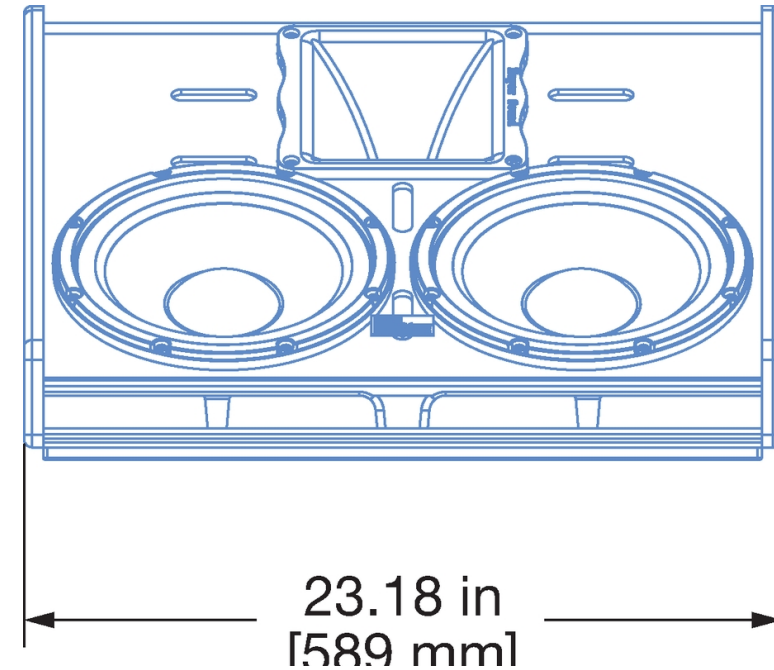
Two 10-inch high-power cone drivers; 4 Ω nominal impedance.

High frequency

One 4-inch diaphragm compression driver; 8 Ω nominal impedance; constant-directivity horn.

Amplification

Three-channel Class D amplifier with equalization, phase correction, signal division and driver protection.



ENCLOSURE

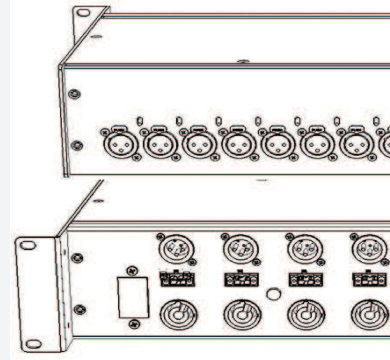
Premium multi-ply birch · durable slightly textured black finish · low-profile 35° front angle · powder-coated steel grille with black mesh.

Technical Specifications

PARAMETER	OFFICIAL SPECIFICATION
Product Model	MJF-210
Type	Low-profile high-power stage monitor
Drivers	2 × 10 in LF; 1 × 4 in diaphragm HF compression driver
Frequency Response	60 Hz–16 kHz ±4 dB; operating range 55 Hz–18 kHz
Rated Power	Not specified in official materials
Peak Power	1950 W peak, integrated 3-channel Class D
Sensitivity	0 dBV (1.0 V rms), nominal input sensitivity
Maximum SPL	Not specified; Linear Peak SPL: 134 dB M-noise
Nominal Impedance	LF: 4 Ω; HF: 8 Ω
Coverage / Dispersion	50° horizontal × 70° vertical

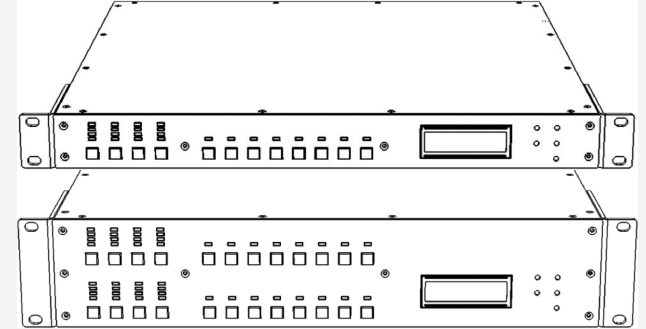
PARAMETER	OFFICIAL SPECIFICATION
Enclosure	Premium multi-ply birch, low-profile wedge enclosure
Finish	Slightly textured black
Protective Grille	Powder-coated hex-stamped steel; black acoustical mesh
Connectors	XLR 3-pin in/loop; optional XLR 5-pin; powerCON 20 in/loop
Dimensions	W 23.18 × H 13.89 × D 20.90 in (589 × 353 × 531 mm)
Weight	67 lb (30.4 kg)
Supplied Fittings	Recessed side handles; protective rubber bottom strips
Recommended Amplifier	Self-powered; no external amplifier required
Recommended Processing	Galileo GALAXY Network Platform; MAPP design tool
Rigging	Not specified in official materials

System Application / Rigging



MDM-832

Routes up to eight channels of AC power, balanced audio and RMS to multiple MJF stage monitors.



Composite distribution

Composite cabling streamlines setup and tear-down while reducing onstage cable clutter.

The self-powered design eliminates external amplifier racks. MJF-210 is deployed as a floor monitor; suspended rigging is not specified in official materials.

Deployment Options



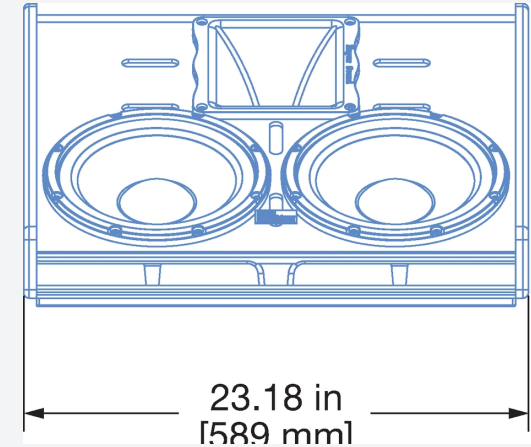
SINGLE MONITOR

Low-profile 35° floor placement for focused vocal or instrument monitoring.



LEFT / RIGHT PAIR

Independent left-right positions provide consistent artist coverage across a performance zone.

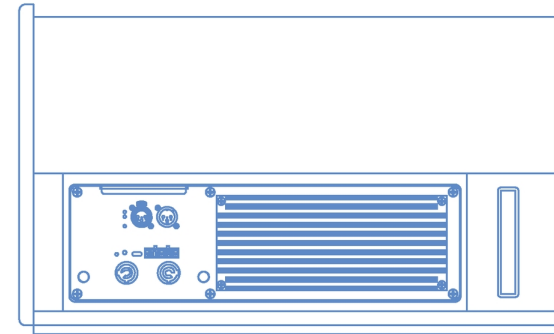
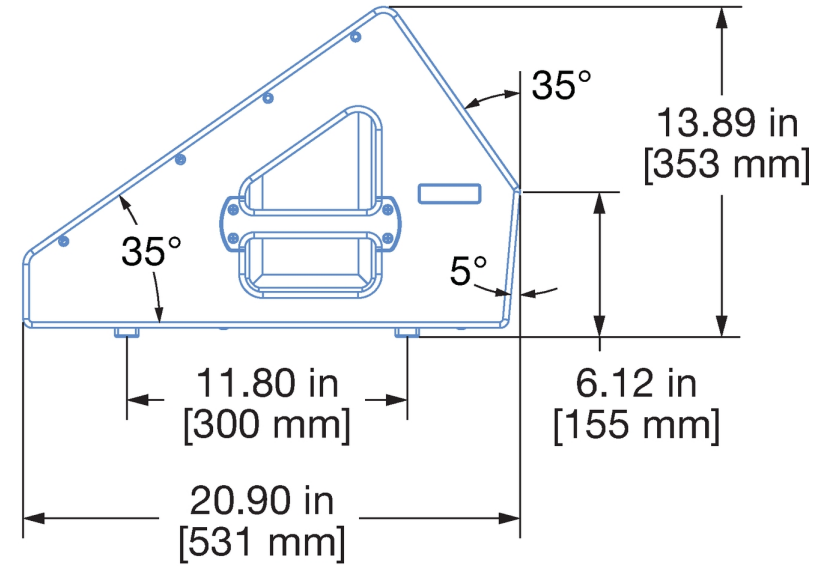
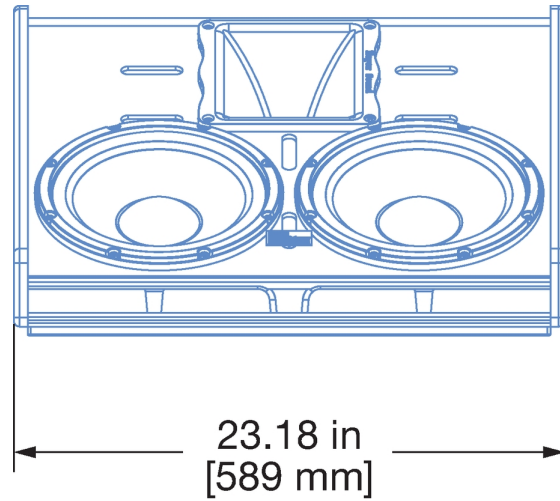


MULTIPLE MONITORS

50° × 70° coverage supports planned stage layouts with controlled overlap and microphone interaction.

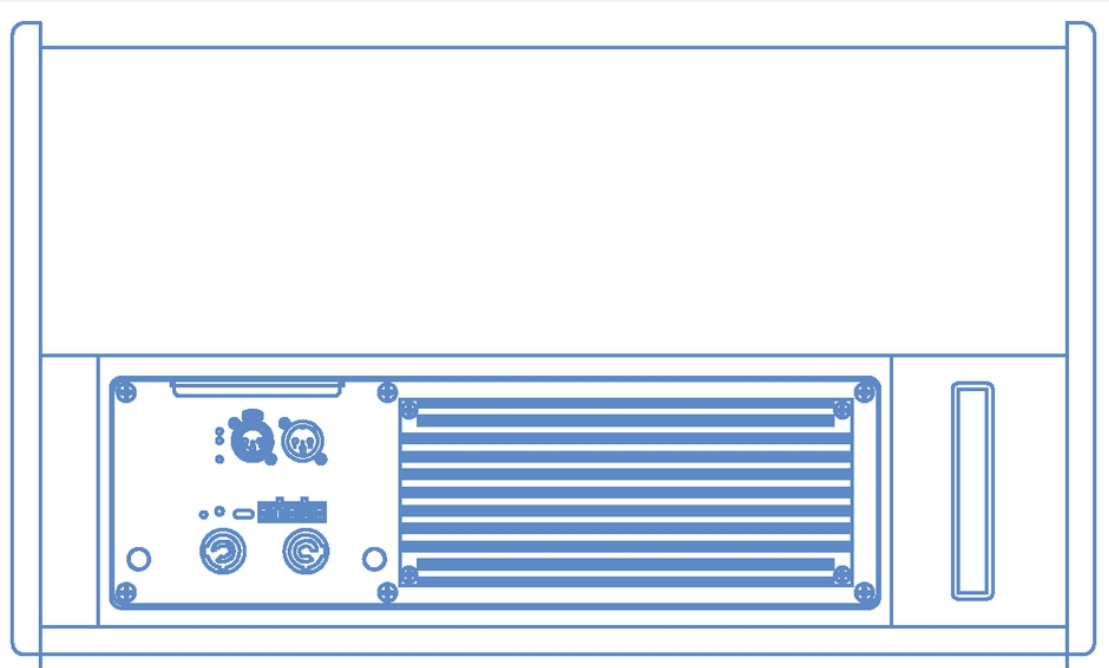
Use MAPP prediction and Galileo GALAXY processing to coordinate coverage, level and timing in larger stage systems.

Technical Drawing / Dimensions



W 23.18 in (589 mm) · H 13.89 in (353 mm) · D 20.90 in (531 mm) · Front angle 35°

Connections & Hardware Details



Audio

Differential electronically balanced. XLR 3-pin female input with male loop; optional XLR 5-pin carries balanced audio plus RMS.

Power

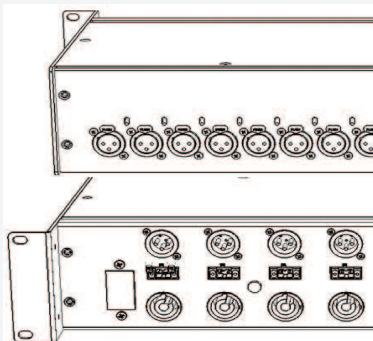
powerCON 20 input with loop output. Automatic voltage selection; safety-rated 100–240 V AC, 50–60 Hz.

Monitoring

Optional two-conductor RMS network reports amplifier operating parameters to Compass control software.

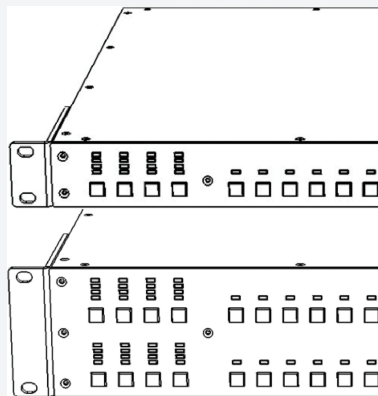
Hardware: recessed side handles · protective rubber strips · low-profile 35° wedge enclosure

Accessories



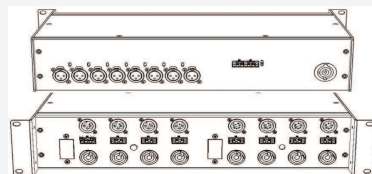
MDM-832

Eight-channel power, audio
and RMS distribution



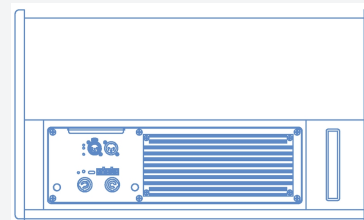
MDM DISTRIBUTION

Composite system
distribution option



MDM TECHNICAL

Official distribution-module
dimensional reference



RMS / XLR OPTIONS

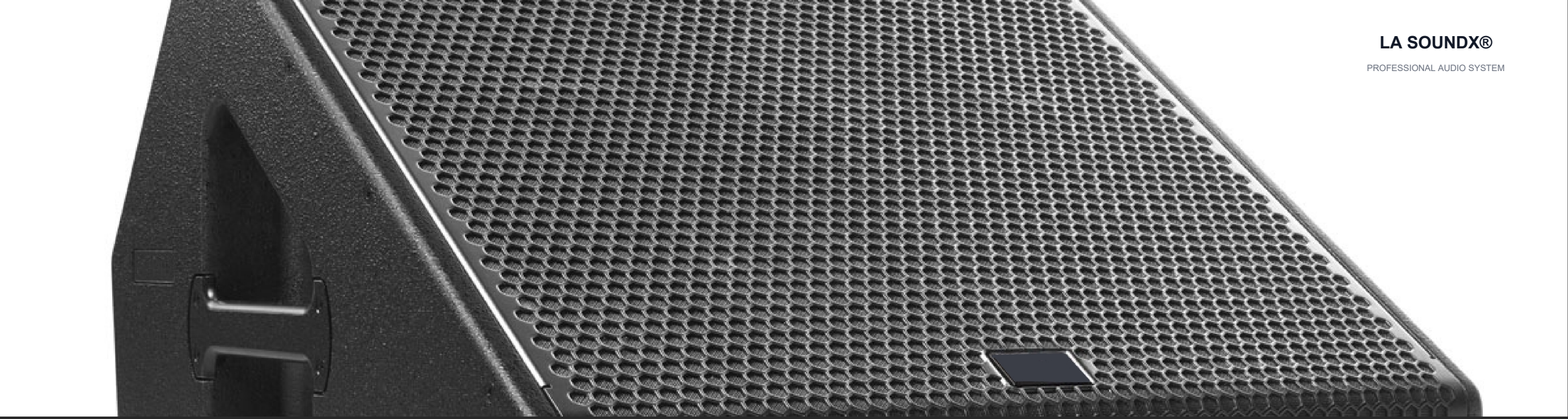
Optional RMS and
composite audio
connection



GALILEO GALAXY

Recommended system
alignment and processing

Compatibility and system configuration must follow current Meyer Sound documentation and MAPP verification.



Application Scenarios

Touring stages

Festivals

Performance venues

Main vocal monitor

High-output instrument monitor

Scenario categories reflect official stated applications; imagery illustrates product deployment and is not presented as a named case study.

Product Summary

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M-noise linear peak SPL

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Coverage

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Weight

CONTACT / SALES INFORMATION

Company · Contact · Phone · Email · Website

