

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 $50^{\circ} \times 70^{\circ}$ 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

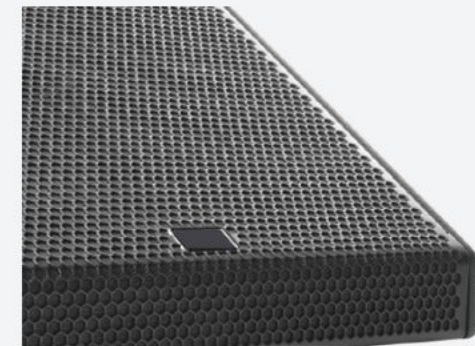
50° × 70°

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

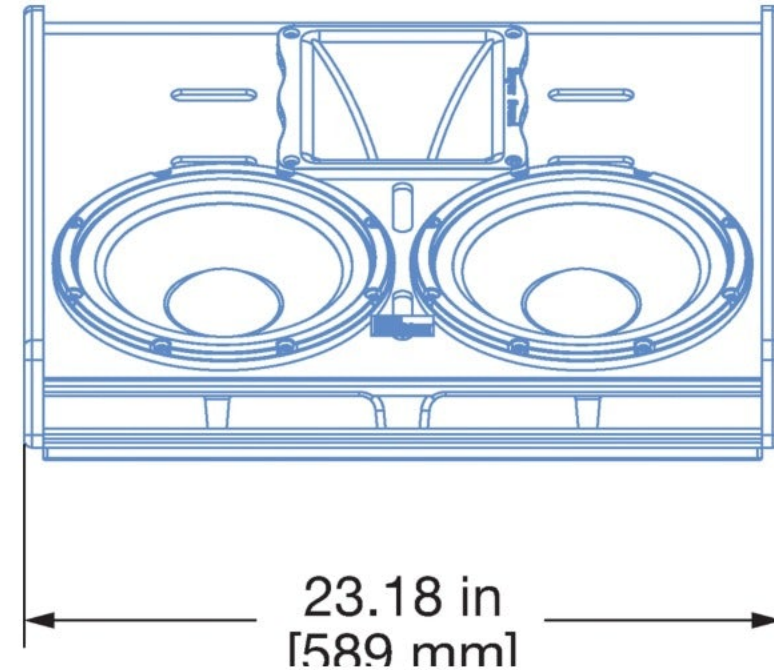
Two 10-inch high-power cone drivers; 4 Ω nominal impedance.

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

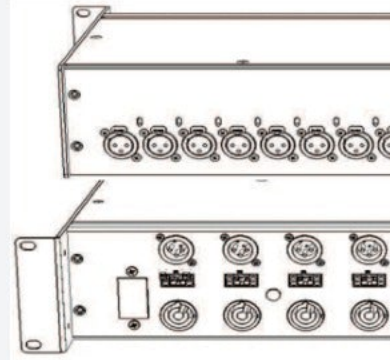
Premium multi-ply birch · durable slightly textured black finish · low-profile 35° front angle · powder-coated steel grille with black mesh.

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

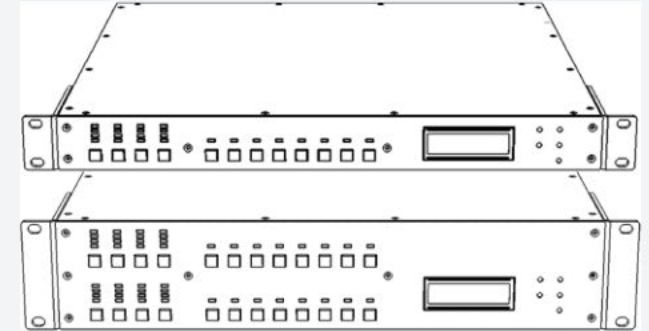
PARAMETER	OFFICIAL SPECIFICATION
Enclosure	Premium multi-ply birch, low-profile wedge enclosure
Finish	Slightly textured black
Protective Grille	Powder-coated hex-stamped steel; black acoustical mesh
Connectors	XLR 3-pin in/loop; optional XLR 5-pin; powerCON 20 in/loop
Dimensions	W 23.18 × H 13.89 × 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	 Network Platform;  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



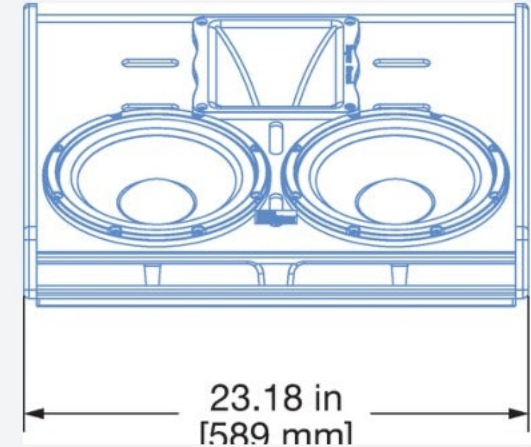
SINGLE MONITOR

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.

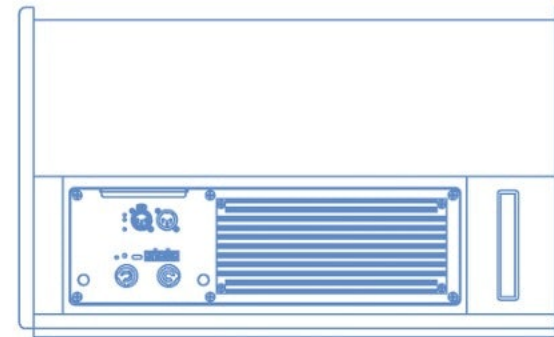
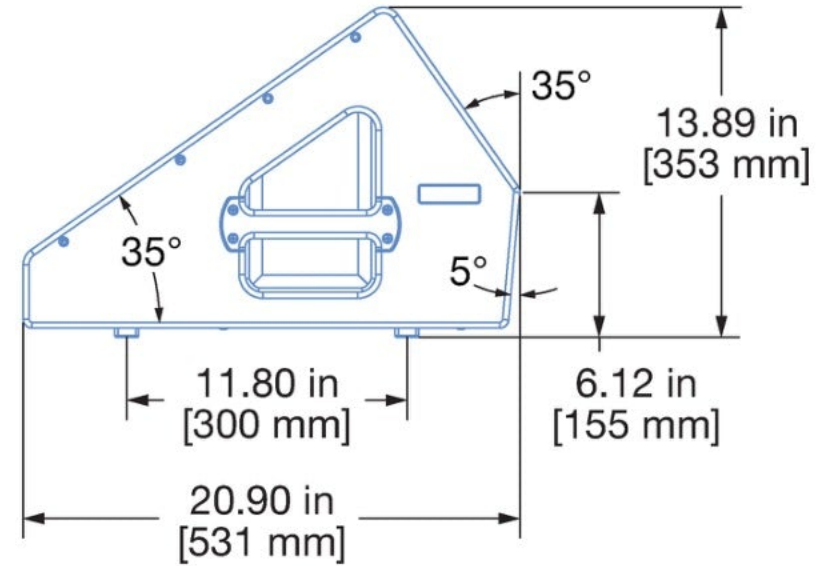
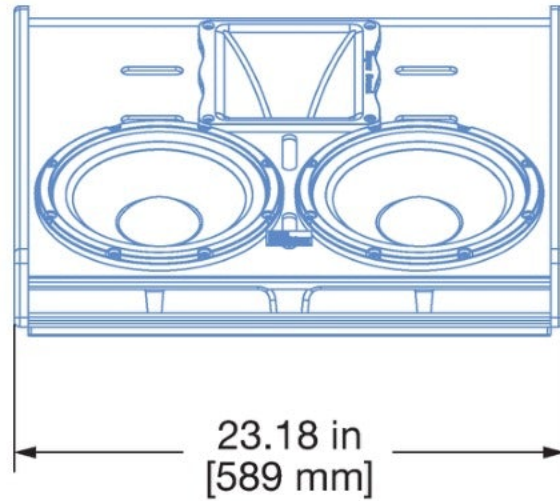


MULTIPLE MONITORS

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

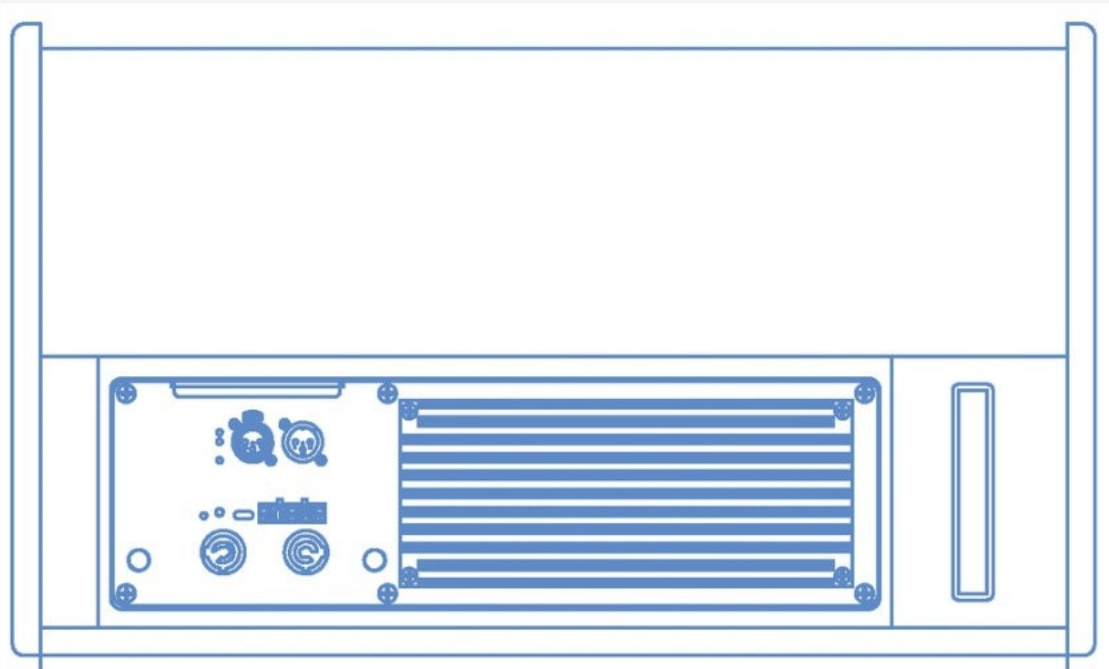
Use prediction and processing to coordinate coverage, level and timing in larger stage systems.

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

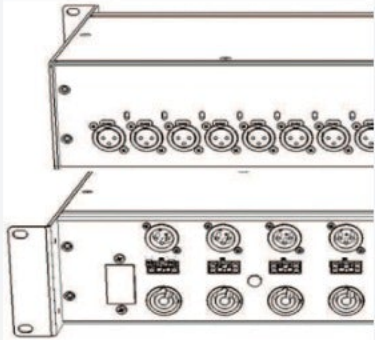
powerCON 20 input with loop output. Automatic voltage selection; safety-rated 100–240 V AC, 50–60 Hz.

Monitoring

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

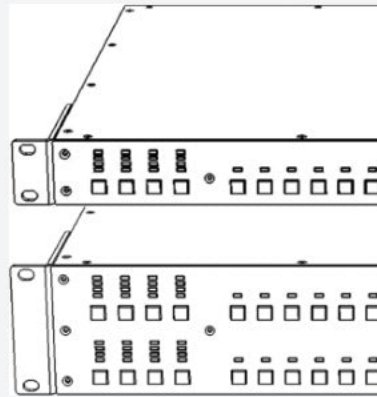
Hardware: recessed side handles · protective rubber strips · low-profile 35° wedge enclosure

Accessories



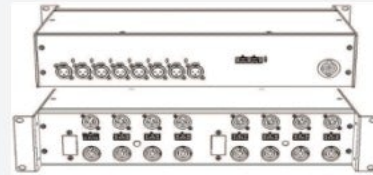
MDM-832

Eight-channel power, audio
and RMS distribution



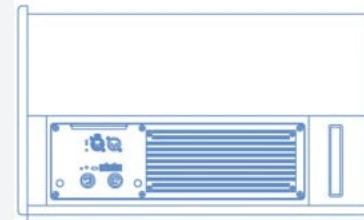
MDM DISTRIBUTION

Composite system
distribution option



MDM TECHNICAL

Official distribution-module
dimensional reference



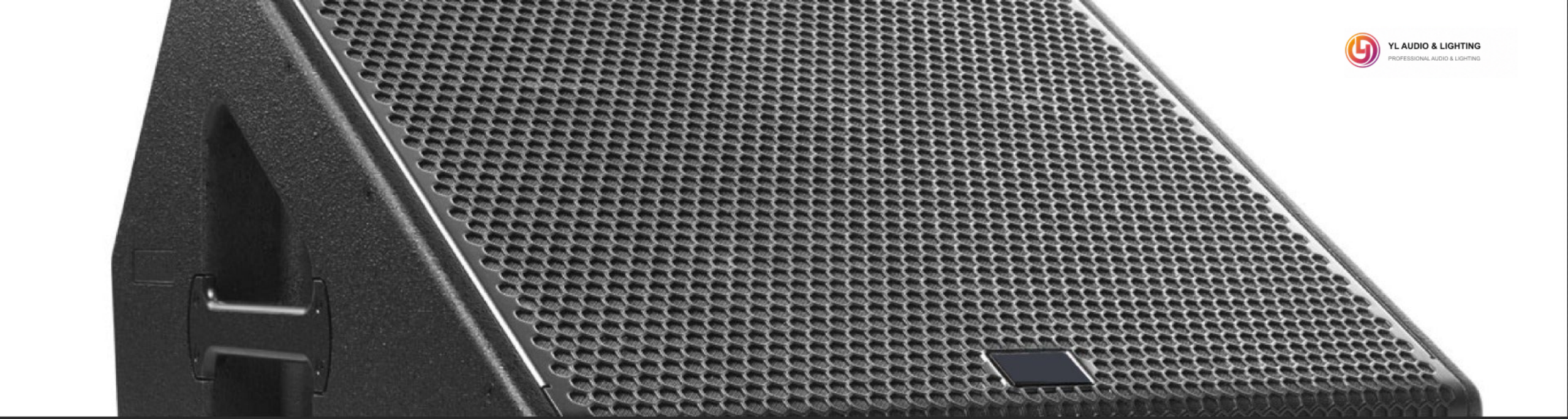
RMS / XLR OPTIONS

Optional RMS and
composite audio
connection



Recommended system
alignment and processing

Compatibility and system configuration must follow current [documentation](#) and [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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Weight

CONTACT / SALES INFORMATION

Company · Contact · Phone · Email · Website

