

LEOPARD

Compact Linear Line Array Loudspeaker

142 dB

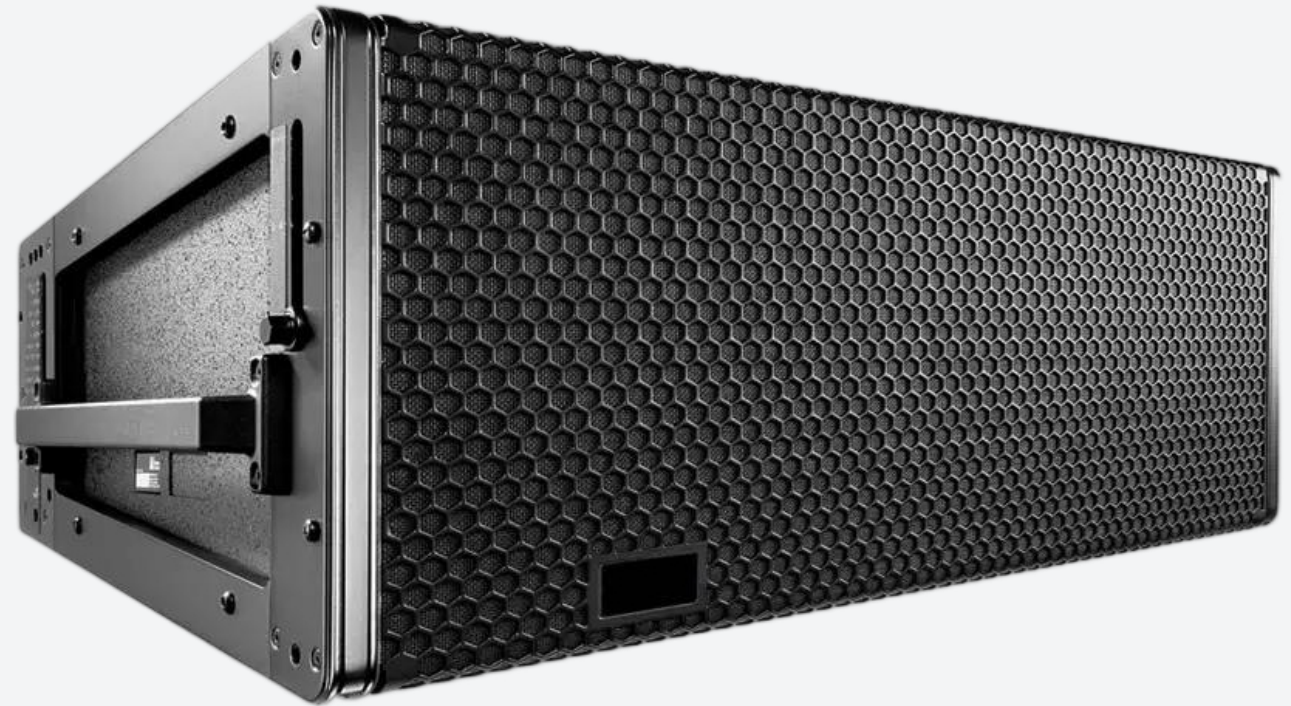
Maximum peak SPL

55 Hz–18 kHz

Operating frequency range

110°

Horizontal coverage



Product Positioning

Mid-sized power. Compact-array agility.

A self-powered, Native Mode line-array platform designed for scalable small- to medium-sized touring and fixed installations.

Applications

Touring · theatres · concert halls · festivals · rental events · fixed installations

Core value

High power-to-size ratio, consistent directional control, simplified deployment and integrated monitoring.



SYSTEM ROLE

Standalone arrays, LYON downfill, LEO- M / LYON supplemental fills, and mixed LEOPARD / LEOPARD- M80 arrays.

Key Performance

55 Hz–18 kHz

Operating frequency range

142 dB

Maximum SPL

110°

Horizontal coverage

3900 W peak

Integrated amplifier output

75 lb / 34.0 kg

Net weight

0.5°–15°

Available cabinet splay angles

LINEAR PEAK SPL

133.5 dB M- noise • 130 dB pink noise • 134.5 dB B- noise

Measured free-field at 4 m, referred to 1 m; see official Datasheet notes for signal definitions.

Acoustic & Enclosure Design

Low frequency

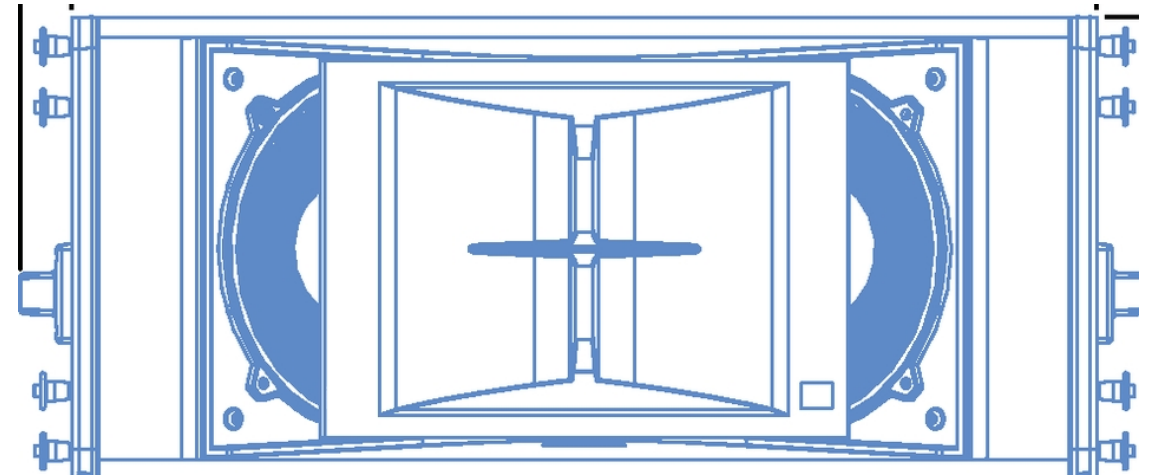
Two 9-inch long-excursion cone drivers; 2 Ω nominal impedance.

High frequency

One 3-inch diaphragm compression driver, constant-directivity horn and patented REM® manifold; 4 Ω nominal impedance.

Amplification

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



ENCLOSURE

Optimally tuned, vented premium multi-ply birch cabinet · slightly textured black finish · powder-coated hex-stamped steel grille with acoustical black mesh.

Technical Specifications

PARAMETER	OFFICIAL SPECIFICATION
Product Model	LEOPARD
Type	Compact linear line array loudspeaker
Drivers	2 × 9 in LF; 1 × 3 in diaphragm HF compression driver
Frequency Response	55 Hz–18 kHz operating frequency range
Rated Power	Not specified in official materials
Peak Power	3900 W peak, integrated 3-channel Class D amplifier
Sensitivity	6.0 dBV (2.0 V rms), nominal input sensitivity
Maximum SPL	142 dB
Nominal Impedance	LF: 2 Ω; HF: 4 Ω
Coverage / Dispersion	110° horizontal; vertical varies by array

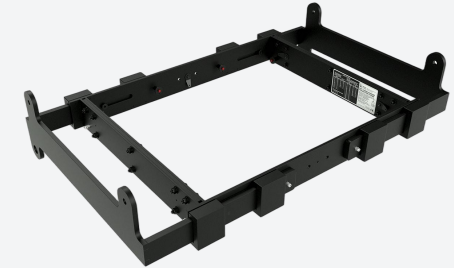
PARAMETER	OFFICIAL SPECIFICATION
Enclosure	Optimally tuned, vented premium multi-ply birch
Finish	Slightly textured black; custom colors optional
Protective Grille	Powder-coated hex-stamped steel; black mesh
Connectors	XLR 5-pin in/loop; optional XLR 3-pin; powerCON 20 in/loop
Dimensions	W 26.93 × H 11.11 × D 21.66 in (684 × 282 × 550 mm)
Weight	75 lb (34.0 kg)
Supplied Fittings	Captive GuideALinks and quick-release pins
Recommended Amplifier	Self-powered; no external amplifier required
Recommended Processing	Galileo GALAXY Network Platform; MAPP design tool
Rigging	End frames; 0.5°–15° splay; side/rear handles

System Application / Rigging



MG- LEOPARD/900

Multipurpose grid for flown or ground-stacked LEOPARD / 900- LFC systems. Up to 23 LEOPARD cabinets with stated restrictions; verify in MAPP.



MTF- LYON/LEOPARD

Transition frame for LEOPARD downfill below LYON arrays. Up to 10 LEOPARD cabinets with stated restrictions; verify in MAPP.

QuickFly® captive GuideALinks simplify splay selection and block assembly.

Deployment Options



GROUND STACK

Angle feet add approximately 3°–8° of downtilt to an MG- LEOPARD/900 ground stack.



TRANSPORT / BLOCKS

Caster frame transports up to four fully rigged LEOPARD cabinets for efficient block assembly.

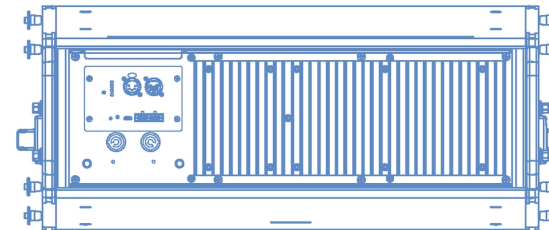
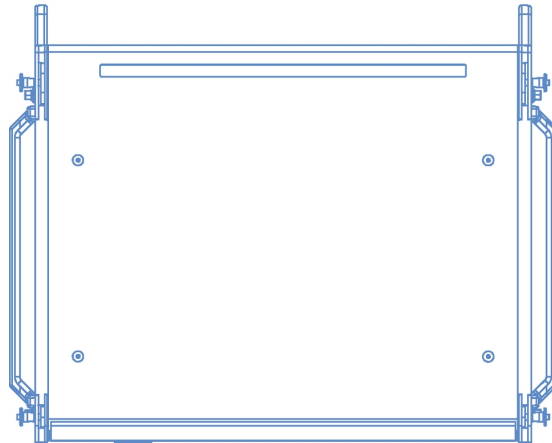
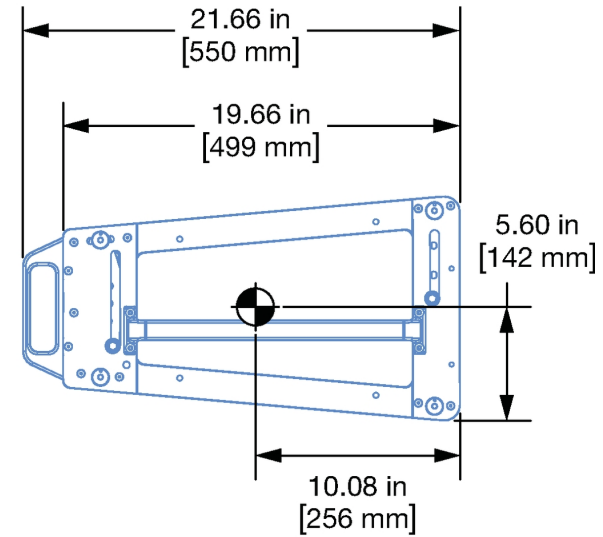
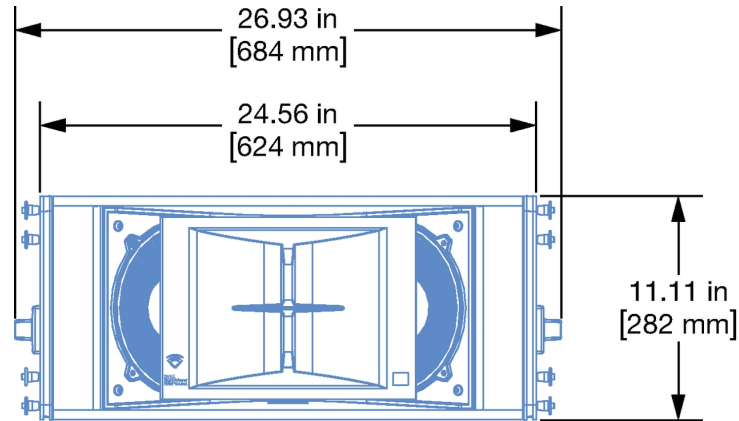


PULL-BACK

Pull-back frame enables extreme flown-array downtilt and additional ground-stack downtilt.

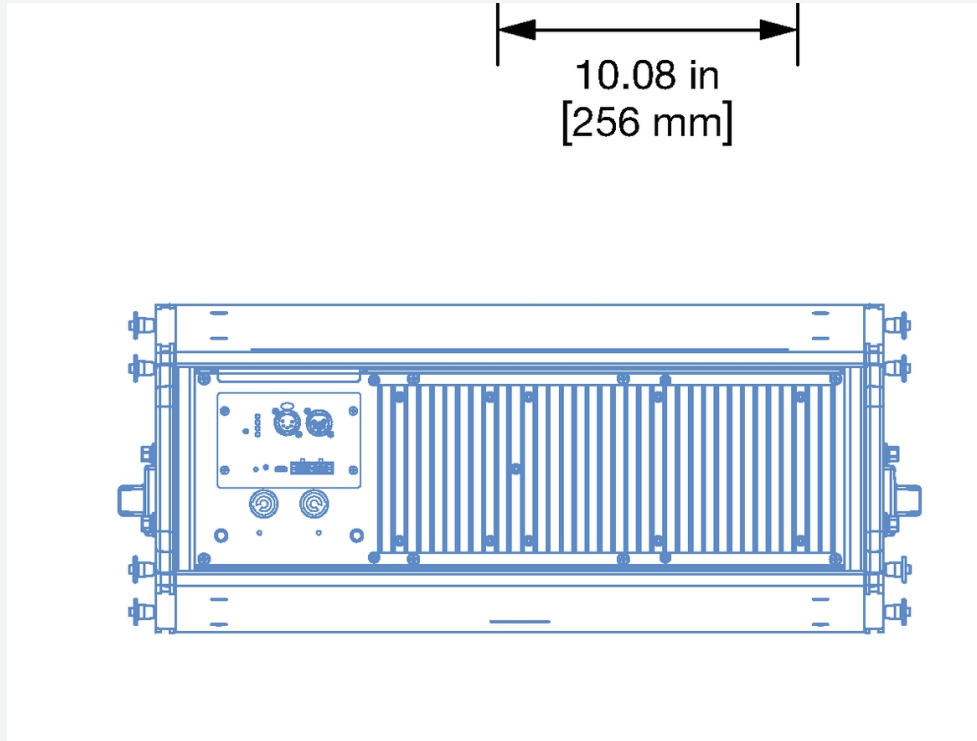
Array length, inter-cabinet angles, pickup points and load ratings must be validated in Meyer Sound MAPP.

Technical Drawing / Dimensions



W 26.93 in (684 mm) · H 11.11 in (282 mm) · D 21.66 in (550 mm)

Connections & Hardware Details



Audio

Differential electronically balanced input. XLR 5-pin female input and male loop output; XLR 3-pin option for balanced audio without RMS.

Power

powerCON 20 input with loop output. Automatic voltage selection: 90–265 V AC; safety-rated range: 100–240 V AC, 50–60 Hz.

Monitoring

Two-conductor twisted-pair RMS network reports amplifier operating parameters to a host computer.

Hardware: end frames · captive GuideALinks · 0.3125 × 0.63 in quick-release pins · detachable side and rear handles

Accessories



PC3- LEOPARD

Cover for 3 cabinets



PC4- LEOPARD

Cover for 4 cabinets



WC4- LEOPARD

Wrap cover for 4



CBL- PWRCN- LOOP

1 m power loop cable



MVP MOTOR V PLATE

Two motors to one point

Compatibility and load restrictions must follow the current official accessory documentation and MAPP verification.



Application Scenarios

Touring & rental

Theatres

Concert halls

Festivals

Fixed installations

Scenario categories reflect official stated applications; image is illustrative and is not presented as a named project case study.

Product Summary

LEOPARD

Self-powered compact linear line array loudspeaker

55 Hz–18 kHz

Operating range

142 dB

Maximum SPL

110°

Horizontal coverage

75 lb / 34.0 kg

Weight



CONTACT / SALES INFORMATION

Company · Contact · Phone · Email · Website