LOUDSPEAKERS - LINE ARRAY

MEYER LEOPARD SELF-POWERED LINE ARRAY ELEMENT



The LEOPARD® compact linear line array loudspeakers reproduce audio faithfully with tremendous power, superior intelligibility, and extremely low distortion. Rounding out Meyer Sound's award?winning LEO® family of loudspeakers, LEOPARD loudspeakers deliver the same advantages of self?powered design, linear response, and precise directional control as their bigger siblings, LEO?M and LYON®.

LEOPARD, with its 110° coverage, breaks new ground in loudspeaker array performance, providing exceptional phase coherence and consistent coverage in a light, compact cabinet, making it extremely versatile. Its innovative amplifier, driver, and horn designs ensure that LEOPARD systems reproduce any sound source with linearity over a wide dynamic range, from speech and classical music to rock and EDM.

LEOPARD is acoustically compatible to LYON and can be used for downfill at the bottom of LYON arrays, and as supplemental sidefill and outfill arrays in bigger LYON systems using the Galileo® GALAXY Network Platform's Product Integration settings.

LEOPARD loudspeakers offer Native Mode, a configuration optimized to yield excellent system performance right out of the box with minimal external processing. A class D amplifier affords unprecedented efficiency to LEOPARD, significantly lowering distortion while reducing power consumption and operating temperature. A single, field?replaceable module contains the on?board amplifier and control circuitry.

LEOPARD loudspeakers are portable and easy to configure. Their low weight and narrow profile make them well?suited for small? to medium? sized touring acts and fixed installations, where scalability and ease of rigging are essential.

For low?frequency enhancement, LEOPARD loudspeakers pair with Meyer Sound's 900?LFCTM low?frequency control element, which can be flown as part of LEOPARD arrays without transition hardware. The 900?LFC shares with LEOPARD the advantages of

excellent power?to?size ratio, improved efficiency, and versatility.

In addition to working as a standalone system, LEOPARD can also be used as a supplemental fill loudspeaker in LEO?M and LYON systems. Applications that require more low?frequency headroom can use Meyer Sound's 1100?LFCTM, which also integrates with LEOPARD systems.

Meyer Sound recommends driving LEOPARD systems with the Galileo GALAXY Network Platform, which provides 24 bit, 96 kHz audio, matrix routing, alignment, and processing for array components. To guarantee optimum performance, use Meyer Sound's MAPPTM System Design Tool to design LEOPARD systems, as this tool effectively anticipates system SPL and coverage requirements, and also helps verify rigging load ratings.

LEOPARD and 900?LFC loudspeakers work with Meyer Sound's RMSTM remote monitoring system, which provides comprehensive monitoring of system parameters from a Mac® or Windows®?based computer.

LEOPARD loudspeakers include Meyer Sound's QuickFly® rigging with captive GuideALinksTM that facilitate easy setting of splay angles from 0.5° to 15°.



Features:

- Frequency Range 55Hz – 18 kHz
- Max SPL – 142 dB
- Horizontal Coverage - 110° Leopard
- Compact cabinet with small footprint and extraordinary power?to?size ratio
- High peak power output with exceptional linearity and transient reproduction with extremely low distortion at any output level
- Self?powered and Native Mode for super?simplified setup and increased reliability; additional presets for different configurations available in the Galileo GALAXY processor
- Flexible rigging and transport options
- Easy integration using the Galileo GALAXY processor's product integration files for LYON line array loudspeakers and the 900?LFC, 1100?LFC, and VLFCTM low frequency control elements

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