Geo M6

轻 巧 紧 凑 的 强 声 系 统

Compact Sound Reinforcement System

www.nexo.fr

NEXO

The compact sound system that fits into any environment

Powerful and flexible, NEXO GEO M6 delivers uncompromised full-range sound in a wide variety of fixed installations and mobile applications.

The visual impact of GEO M6 is subtle, thanks to compact design, an elegant internal rigging system and custom colour options. Comprising two identically-sized cabinets - the GEO M620 main and GEO M6B bass extension - and complemented by a comprehensive range of mounting accessories, GEO M6 offers installation contractors and sound rental companies a dependable, TÜV-certified system with an important difference: legendary NEXO performance.

一个能适用于任何环境的紧凑音响系统.

力素 GEOM6 拥有强劲全频输出与应用弹性能提供给各类固定安装工程与流动演出.

设计紧凑加上优雅外形与多种箱体色择, 巧妙地带出力素GEO M6的视觉震撼. GEO M6系列由2种相同箱体的音箱组成: 主扩声 GEOM620 与 低频伸延的 M6B, 并辅以齐备的安装配件. GEO M6系列提供给固定安装工程商与音响租赁公司可靠的保证及已获TÜV安全认证的系统, 最重要的分别是:传奇性的力素系统性能.

Compact design 设计紧凑

Cabinets measure just 191mm high x 373mm wide x 260mm deep. 箱体尺寸仅为191mm高 x 373mm宽 x 260mm深

Integral rigging 整合式吊架

The 3-point rigging system is hidden in side the cabinet, reducing visual impact. 3点式吊挂系统隐藏于箱体两侧以平淡视觉上的感受.

Elegant hardware 优雅的固件

A comprehensive range of hardware is available for fixed and mobile applications. 全线齐备的安装固件可供布类固安安装与流动应用

Custom RAL colours 定造RAL色彩

Lightweight polyurethane composite cabinets, fabric grilles & accessories can be specified in any RAL colour. 其超轻聚氨酯合成箱体, 布质面网与配件均可预定上色为任何RAL标准色彩卡的颜色

GEO
M6
轻巧紧凑的强声系统
Compact Sound Reinforcement System

Theatres and conference halls 剧院与会议厅堂

GEO M620 main and M6B bass extension cabinets can be flown in the same array to create a compact, powerful and discreet system, ideal for installation in small theatres and conference halls.

GEO M620主扩声音箱与M6B低音伸延音箱可以吊挂在同一阵列厅堂里来提供一列紧凑而慎重的强劲系统，非常适合小形剧院与会议厅堂

Corporate A/V 商务影音系统

Pole-mounting a pair of GEO M620 Main cabinets on a NEXO LS600 subbass cabinet quickly creates a high-output, full range system.

以单柱支撑一对GEO M620于一只力素LS600超低频音箱之上可快速的组合出一高输出全频系统。

Live events 现场演出   public spaces 公共场所

The combination of high power and low visual impact makes GEO M6 the perfect choice for use in live events. A comprehensive range of mobile rigging accessories makes it easy for contractors and rental companies to achieve exceptional sonic performance without impinging upon the production design.

高功率加低视像使GEO M6成为现场演出的最佳选择. 全线齐备的流动演出吊挂配件使工程商与租赁公司更易打造极佳音效性能而不影响原项目设计.

NEXO has built a global reputation for the quality and performance of its concert line array systems. Now GEO M6 brings NEXO technology to installed sound applications, delivering the key benefits of uncompromised full range sound and consistent SPL coverage.

力素演唱会线性阵列系统的质量享誉全球, GEO M6把力素科技带进固定安装音响应用, 首要提供无缺的全频段音频输出及恒定的覆盖声压.

Flexibility
without compromise

Rocking the show with cutting-edge acoustic and mechanical design

以尖端的声学及机械设计来震动整个演出

Drawing on more than 30 years' experience at the forefront of acoustic design, GEO M6 utilises a number of patented technologies to achieve exceptional levels of sonic performance.

运用超过30年处于声学前尖设计的经验，让GEO M6应用多个已获专利的科技来达成超凡水平的声频性能。

And mechanical performance is similarly impressive. All structural forces acting on a GEO M6 cluster are born by the groundbreaking NEXOSkeleton™ rigging system, rather than the cabinets. Fully TÜV certified, any configuration of cabinets can be safety-checked, using NEXO NS-1 system configuration software.

其机械性能也同样出色。所有架构性负载加于一列GEO M6 阵列都由一突破性力素骨架吊挂系统（NEXOSkeleton™）所承受而非受力于箱体之上。这系统已完成TÜV的安全认证，任何音箱配置方式的安全性均可于力素NS-1系统配置软件作测算。

NEXOSkeleton™ Rigging System
NEXOSkeleton™ 骨架式吊挂系统

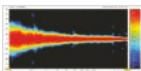## NEXO Hyperbolic Reflective Wavesource   力素双曲面反射式波源

GEO M6 utilises NEXO's patented Hyperbolic Reflective Wavesource (HRW™) to control acoustic energy by creating a virtual wavesource 'outside the box', resulting in optimal wavesource coupling without destructive interference.

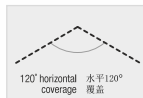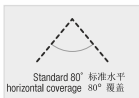GEO M6应用力素专利的双曲面反射式波源(HRW™),制造一个虚拟波源于'箱体之外' 来控制声频能量,使波源得到最佳之偶合而没有毁灭性的干扰。

Ideal theoretical response   最佳理论响应

Actual measured response   实际测量响应

NEXO Waveguide Flanges   力素波导水平角度板

Standard 80° horizontal coverage   标准水平80° 覆盖

120° horizontal coverage   水平120° 覆盖

System flexibility can be increased by adding flanges to the HF waveguide exit, changing the standard 80° acoustic coverage across the horizontal plane to 120°.

能在高频波导管出口更改其声平水平覆盖由标准的80至120,大大的增加系统应用弹性。

NEXO Directivity Phase Device   力素指向性相位组件

A Directivity Phase Device(DPD) on each cone driver extends the upper frequency limit for file source coupling between adjacent speakers. 6.5" drivers coherently couple as if there were twice as many 3.25" cones mounted at half the physical distance.

在低频驱动纸盘前加上一个指向性相位组件(DPD)能伸延两只相邻的6.5寸单元之间声源耦合频率上限,使凝聚耦合出像有2陪的3.25寸单元安置于一半的物理距离上一样。
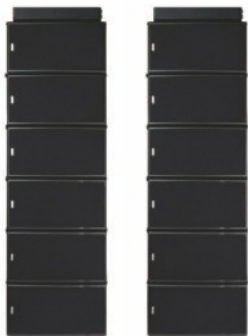
Port tube profiling   出气口管道形状

Internal faces of the port tube are profiled to ensure smooth air flow, reducing turbulence to increase low frequency efficiency and linearity at high power.

出气口管道内壁的设计上有利于平滑空气流动,减低乱流来增加低频效率与高功率时的线性

Flown arrays　　　吊挂的阵列

Ground stacks with
LS600 subwoofers

NXAMP4X1

Just one amplifier
is all it takes

只需一台功放
来推动

The versatility of the GEO M6 system extends to a highly cost-effective amplification solution.
A single NXAMP - the smallest of NEXO's powered TDControllers - can power up to 12x GEO M6 cabinets. And with 'channel-by-channel' preset selection for all NEXO cabinets and linear phase on all set-ups, it's easy to integrate subbass cabinets such as the NEXO LS600 in to a single amplifier solution.
Larger networks of NXAMPs can be monitored using NEXO NeMo Remote Monitoring App, available for iPad® and iPhone®.

各方面都优越过人的GEO M6在推动功放也带高性价及效率比的方案.
单只NXAMP-力素带处理器功放中最小的一台-就能推动12只GEO M6音箱，而每通道可独立选设所有力素系列的音箱并保持各自相位的线性，因此配用如力素LS600超低频音箱一起于单一NXAMP功放是很简单的事.
较大的NXAMP网路可用由力素的NeMo遥控监测小工具(App)运行于iPad® 或 iPhone®.

跟LS600超低音箱
一起座地安置

Pole-mounted on
LS600 subwoofers

以单柱支撑于LS600
超低频音箱之上

NXAMP 4x1 Powered TDController　　NXAMP　4x1　功率TD处理器

M620

The GEO M620 is a full-range unit for stand-alone, curved array or line array application. Extremely compact in size (191 x 373 x 260 mm), the M620 module punches well above its weight of less than 10 kgs. Using a NEXO-designed long-excursion high-efficiency 6.5" LF driver and a 1" throat driver on a BEA/FEA optimised HR Wavesource, the M620 delivers a frequency response of 80Hz-19kHz ±3dB, with nominal peak SPL of 127dB. HF dispersion is 80° or 120° horizontal, with 20° vertical coverage, 0° to 20° splay when arrayed. Using NEXO's HRW patented waveguide for optimum HF coupling between elements, the M620 performs in a variety of configurations, facilitated by a fully-integrated 3-point rigging system.

GEO M620 是可单独运作，带弧度阵列或线性阵列等用途的全频音箱。M620小于10公斤的重量及非常紧凑的箱体(191x373x260mm)，但能发出超越其体质的力量。使用一只大功率高效的 6.5寸低频长冲程高效单元，与一只经BEA/FEA优化的放送的的1寸喉管高频音单元，M620能输出80Hz-19kHz±3db的声压，标称值声压到127dB。高频扩散为80°或120°水平，20°垂直的覆盖，作垂直阵列时可做0°-20°的投射。使用先进的双曲线反射式波波束来优化和输单元的高频耦合，由于M620内建整合了一个3点式吊挂系统，所以能应用多种的配置方法。

Specifications 技术参数

GEO M620 with NEXO TDController setup	GEO M620 NEXO TD 处理器设置	
Frequency Response	频响	80Hz – 19kHz ±3dB	80Hz – 19KHz ±3dB
Usable Range @-6dB	可用频段@-6dB	75Hz – 20kHz	75Hz – 20KHz
Sensitivity 1W @ 1m	灵敏度 1W @1m	95dB SPL	95dB 声压标称值
Nominal Peak SPL @ 1m	标称峰值声压SPL@1m	127dB	127dB
HF Dispersion	高频扩散	80° or 120° Horizontal (CCD)	80° 或120° 水平 (CCD)
Crossover Frequencies	分频点	LF+HF 2kHz Passive	高频+低频 2kHz无源
Nominal Impedance	标称阻抗	8 Ω	8Ω
Recommended Amplifiers	推荐功放	450W per box (3 boxes max in parallel on one channel amplifier)	每只450W (每功放通道最多平行连接3箱)

PRODUCT FEATURES 产品特性

Components:	单元	LF: 1x 6.5" 8Ω long excursion driver 低频: 1x 6.5寸, 8Ω长冲程扬声单元
		HF: 1x 1" throat driver on a BEA/FEA 高频: 1寸1只喉径球动单元使用BEA
		optimised HR Wavesource /FEA优化的HR双曲线放送式波源
Height x Width x Depth	高 x 宽 x 深	191mm x 373mm x 260mm	191mm x 373mm 260mm
Weight : Net	重量:净重	9.7kg	9.7kg
Connectors	插接	2x NL4 Speakon 4 poles	2只 NL4 4针Speakon插接
Construction	建构	Lightweight Polyurethane composite	轻体聚氨酯合成模料体
Fittings	装置	Handles	把手 手滑柄
Front Finish		Acoustic Fabric fitted front grille	面板 前面网为声学性优化板料

SYSTEM OPERATION 系统操作

Electronic Controller	The NEXO TDController's presets are precisely matched to the GEO M6 Series cabinets and include sophisticated protection, Using GEO M6 Series cabinets without a properly connected NEXO TDController will result in poor sound quality and can damage components.	法国力素的NEXO TD处理器的预设是精准的匹配给GEO M6系列音箱的，它包含先进的保护装置。使用没有正确连接的NEXO M6系列音箱而不适当地连接力素TD处理器可致音箱音的音质，并有可能令多元件受损
Speaker Cabling	音箱接线	2+/2–	2+/2–

M6B

The GEO M6B is a low and mid-frequency partner module to the GEO M620, for applications which demand more powerful reinforcement, such as live music. With one 6.5" 8Ω low-excursion driver, the M6B weighs just 7.6kgs and shares the same physical footprint as the M620 allowing the cabinets to be arrayed together in the same column. Featuring a flare-shaped port tube to increase low frequency efficiency and linearity at high power, the M6B offers a usable range @ -6dBof 70Hz-1kHz.

GEO M6B是M620的中低频伙伴模组，用于需求更强动的强声应用如现场演出之类。

使用一只大素设计的6.5寸低频8Ω长冲程高效单元，M6B只有7.6公斤的重量且与M620相同物理尺寸因此可堆叠成共柱在同一声柱。

M6B的出气可以增强其低频回应效率及高功率时的线性。

M620的可用频响为70Hz–1kHz于-6dB。

Specifications 技术参数

GEO M6B with NEXO TDController setup	GEO M6B NEXO TD 处理器设置	
Frequency Response	频响	75Hz – 1200Hz ±3dB (preset-dependant)	75Hz+1200Hz ±3dB (预设依决)
Usable Range @-6dB	可用频段@-6dB	70Hz – 1kHz	70Hz – 1KHz
Sensitivity 1W @ 1m	灵敏度 1W @1m	94dB SPL	94dB 声压标称值
Nominal Peak SPL @ 1m	标称峰值声压SPL@1m	125dB	125dB
Nominal Impedance	标称阻抗	8 Ω	8Ω
Recommended Amplifiers	推荐功放	450W per box (3 boxes max in parallel on one channel amplifier)	每只450W (每功放通道最多平行连接3只音箱)

PRODUCT FEATURES 产品特性

Components:	单元	LF: 1x 6.5" 8Ω long excursion driver 低频: 1x 6.5寸, 8Ω长冲程扬声单元
Height x Width x Depth	高 x 宽 x 深	191mm x 373mm x 260mm	191mm x 373mm x260mm
Weight : Net	重量:净重	7.6kg	7.6kg
Connectors	插接	2x NL4 Speakon 4 poles	2只 NL4 4针Speakon插接
Construction	建构	Lightweight Polyurethane composite	轻体聚氨酯合成模料体
Fittings	装置	Side Handles	把手 手提式把手
Front Finish		Acoustic Fabric fitted front grille	面板 前面网为声学性优化板料

SYSTEM OPERATION 系统操作

Electronic Controller	The NEXO TDController's presets are precisely matched to the GEO M6 Series cabinets and include sophisticated protection, Using GEO M6 Series cabinets without a properly connected NEXO TDController will result in poor sound quality and can damage components.	法国力素的NEXO TD处理器的预设是精准的匹配给GEO M6系列音箱的，它包含先进的保护装置。使用没有正确连接的 GEO M6系列音箱而不适当地连接力素TD处理器可致音箱音质，并有可能令多元件受损
Speaker Cabling	音箱接线	1+/1–	1+/1–

As part of a policy of continual improvement, NEXO reserves the right to change specifications without notice.

Architectural and engineering specifications are available at www.nexo.fr

由力素一贯的延续性发展策略，所以属保留对产品参数变化的权利，而不会作出让予提示。

机械与工程参数可于法国力素网站下载

www.nexo.fr

GMT-BPADPT GMT-BPADPT
Pole-mount adaptor for
stacking operation 叠置用支柱适配器

GMT-LBPADPT GMT-LBPADPT
Angle setting plate for 3- 3只箱体用角度架
cabinet clusters (hanging 〈吊挂或单柱支撑〉
or pole mounted)

GMI-BNFIX GMI-BNFIX
Cabinet linking kit 箱间链接套件
(fixed installations) 〈固定安装用〉

GMT-BUMPER GMT-BUMPER
Mobile bumper (12 流动主吊架
cabinets maximum) 〈最多12只音箱〉

VNT-POLE VNT-POLE
Pole mount top/tilt plate 单柱顶部扣与斜度架

VNT-XHBRK VNT-XHBRK
Truss clamp GEO专用吊环

VNT-TCBRK VNT-TCBRK
Truss clamp GEO专用吊挂勾爪

GMT-EXBAR GMT-EXBAR
Extension bar for 吊挂大角度用
extreme tilt applications 伸延柱

GMT-LBUMP GMT-LBUMP
Light bumper for 3- 轻主吊架-最多
cabinet (max) applications 可吊3只音箱

VNI-WS15, GMT- VNI-WS15, GMT-
LBUMP and GMI-BNFIX LBUMP与GMI-BNFIX
Wall mount for 3-cabinet 墙身安吊架套件
(max) applications 最多可挂3只音箱

GMI-IPCOV GMI-IPCOV
IP protection cover IP级别户外
for outdoor use 保护盖

VXT-BL515 VXT-BL515 GEO
Quick release pin M6用快速插针