

GEO M6^B

Powerful, flexible and compact, 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.

Systems can be flown, groundstacked or pole-mounted on subs. Cabinets, fabric grilles and accessories can be specified in any RAL colour.

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 sub-bass cabinets such as the NEXO LS600 into a single amplifier solution.



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 long-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 @-6dB of 70Hz-1kHz.

GEO M6B with NEXO TDController setup

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|------------------------|---|
| Frequency Response | 75Hz – 120Hz ±3dB (preset-dependent) |
| Usable Range @-6dB | 70Hz – 1kHz |
| Sensitivity 1W @ 1m | 94dB SPL Nominal |
| Nominal Peak SPL @ 1m | 125dB |
| Nominal Impedance | 8Ω |
| Recommended Amplifiers | 450W per box (3 boxes max in parallel on one channel amplifier) |

PRODUCT FEATURES

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|------------------------|--|
| Components: | LF: 1 x 6.5" 8Ω long excursion driver |
| Height x Width x Depth | 191mm x 373mm x 260mm |
| Weight : Net | 7.6kg |
| Connectors | 2 x NL4 Speakon 4 poles |
| Construction | Lightweight Polyurethane composite |
| Fittings: | Handles Side Handles |
| | Front Finish Acoustic Fabric fitted front grille |

SYSTEM OPERATION

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|-----------------------|--|
| 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. |
| Speaker Cabling | 1+/1- |

LIMITED WARRANTY

NEXO loudspeakers and electronics are covered against defects in workmanship or materials for a period of two (2) years from the original date of purchase. At the option of NEXO the defective item will be repaired/replaced with no charge for materials/labour. The item is to be adequately packaged and dispatched, pre-paid, to a NEXO authorised distributor/service centre. Unauthorised repair shall void the warranty. The NEXO warranty does not cover cosmetics or finish and does not apply to any items which in NEXO's opinion have failed due to used abuse, accidents, modifications or any type of misuse. All images and text herein are the property of NEXO SA, and deemed accurate, although specifications are subject to change without notice.



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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 \pm 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 with NEXO TDController setup

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|------------------------|---|
| Frequency Response | 80Hz – 19kHz \pm 3dB |
| Usable Range @-6dB | 75Hz – 20kHz |
| Sensitivity 1W @ 1m | 95dB SPL Nominal |
| Nominal Peak SPL @ 1m | 127dB |
| HF Dispersion | 80° or 120° Horizontal (CCD) |
| Crossover Frequencies | LF-HF: 2kHz Passive |
| Nominal Impedance | 8 Ω |
| Recommended Amplifiers | 450W per box (3 boxes max in parallel on one channel amplifier) |

PRODUCT FEATURES

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|------------------------|--|
| Components: | LF: 1 x 6.5" 8 Ω long excursion driver HF: 1 x 1" throat driver on a BEA/FEA optimised HR Wavesource |
| Height x Width x Depth | 191mm x 373mm x 260mm |
| Weight: Net | 9.7kg |
| Connectors | 2 x NL4 Speakon 4 poles |
| Construction | Lightweight Polyurethane composite |
| Fittings: | Handles Side Handles |
| | Front Finish Acoustic Fabric fitted front grille |

SYSTEM OPERATION

| | |
|-----------------------|--|
| 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. |
| Speaker Cabling | 2+/2- |

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