



## MSUB12

Arrayable Sub, bass-reflex, with 12" Neodymium driver.

The MSUB12 sub is a compact high technology arrayable sub.

### MSUB12 main features

- High power, arrayable sub that can be stacked or flown, with or without its companion main element the GEO M6.
- Integrated rigging hardware.
- Available in Touring or Installation versions, with custom colour options.
- Front and rear connectivity for cardioid (front to back) implementation.
- Comprehensive range of versatile, multifunction accessories for deploying the MSUB12 in a wide variety of applications.

The MSUB12 is the ideal companion for the GEO M6 line array element, sharing same aesthetic design and arrayable in the same flown or stacked cluster.

### Compact yet powerful

The MSUB12 is only 433mm x 396mm x 550mm (17.0" x 15.6" x 21.7") and weighs 23 kg (51 lbs). The recommended ratio is 2 x MSUB12 for 3 x GEO M6.

### Advanced NEXO technology included

Using a high efficiency bass-reflex design, the NEXO MSUB12 features a long excursion 12 inch Neodymium driver precisely tuned to match the frequency response of the GEO M6.

The result is a particularly articulate low end with a very high output level for its size.

### Cardioid implementation

Easy to deploy in Omni mode, the MSUB12 also accommodates cardioid implementation either in stacked or flown configurations.

The front and back rigging system are compatible so the MSUB12 can be implemented 'front to back'.

Connectivity is repeated on each side, making it easy to remove cables from audience view.

NEXO's acclaimed simulation software NS-1 takes care of precise simulation of any MSUB12 configurations to predict audience coverage and rejection at the back.

### Installation and Touring versions

Further versatility is assured by the availability of two versions.

On both versions, the same rigging system connects MSUB12s together, or to the GEO M6 Series accessories.

The touring version features two connection plates with 2 x NL4 connectors each, one at the front and one at the back.

On the Installation version, the connectivity is made through cable gland and captive two core cables, installed back or front.

Both versions are available in black, white or custom colours on request.

### Perfect phase alignment

The MSUB12 shares the same phase response as other NEXO speakers, making it extremely easy to mix with other NEXO systems, e.g with the larger MSUB18 or with other NEXO subs, without risk of comb filtering or requiring complex electronic adjustment.



MSUB12 deployed in a stack array with GEO M6.

# MSUB12

NEXO is one of the world's leading sound reinforcement loudspeaker manufacturers. Founded in 1979, the company is dedicated to crafting practical solutions with solid engineering. Each new design begins with a proprietary sophisticated computer simulation process that allows every parameter to be extensively modeled and simulated, leading to breakthrough cost and performance gains. NEXO's comprehensive product line includes loudspeakers, analogue and digital control electronics and amplification; all designed to deliver consistent sound quality and long term reliability for a broad range of applications.

### MSUB12 WITH NEXO PROCESSING

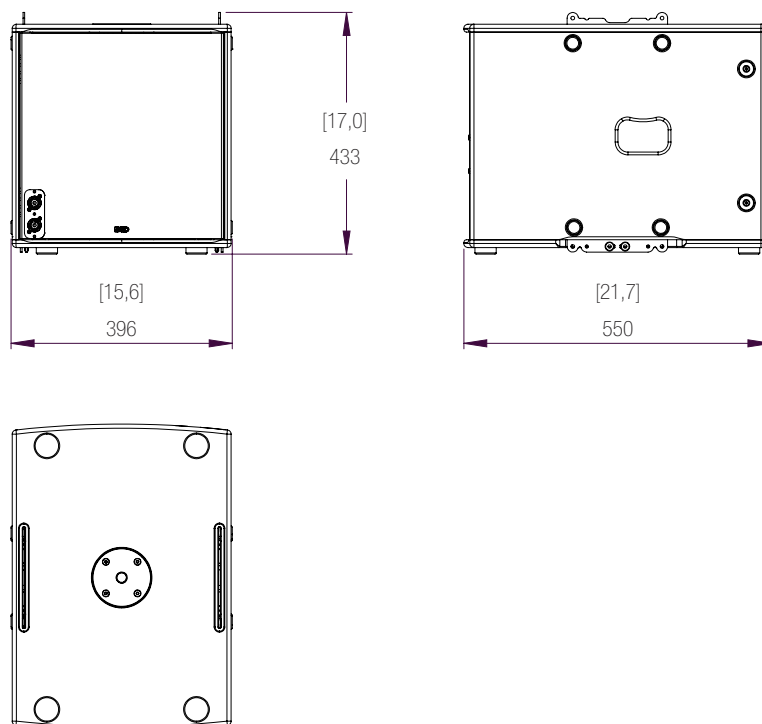
Frequency Response @-6 dB	45 Hz to 150 Hz
Sensitivity 1W@1m	102 dB
Peak SPL@1m	130 dB SPL Nominal
Available Crossover Frequencies	45-85, 45-120, 45-150 Hz / 63-120, 63-150 Hz
Nominal Impedance	6 Ohms
Recommended Power	450 to 700 Watts / 6 Ohms (requires a 700 to 1000 Watts / 4 Ohms amplifier)

### PRODUCT FEATURES

Component	1 x 12" 6 Ohms long excursion Neodymium driver
Connectors (Touring version)	4 x NL4, 4 poles connectors (1+/-1 MSUB12 / 2+/-2 Through)
Connectors (Install version)	1 x Cable gland with 2 cores cables
Rigging points	Rigging compatible with MSUB12 and GEOM6 Bumper (BUMPM6)
Construction	Baltic Birch Plywood
Finish	Black or White structural paint
Front Finish	UV Resistant acoustic fabric fitted Magnelis® front grill
Operating temperature range	0°C - 40 °C (32° F - 104° F)
Storage temperature range	-20 °C - 60 °C (-4 ° F - 140° F)
Height x Width x Depth	433mm x 396mm x 550mm (17.0" x 15.6" x 21.7")
Weight: Net	23 kg / 51 lbs

### SYSTEM OPERATION

Recommended powering solution	NXAMP4x1mk2 Powered TDcontroller: up to 2 x MSUB12 per channel
Optional powering solution	DTDcontroller + DTDAMP4x0.7 : 1 x MSUB12 per channel
	DTDcontroller + DTDAMP4x1.3 : 1 x MSUB12 per channel
	NXAMP4x2mk2 Powered TDcontroller: up to 3 x MSUB12 per channel
	NXAMP4x4mk2 Powered TDcontroller: up to 3 x MSUB12 per channel



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# NEXO

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### LIMITED WARRANTY

NEXO loudspeakers and electronics are covered against defects in workmanship or materials for a period of five (5) 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.