



MSUB18

Arrayable Sub, hybrid band pass, with 18" Neodymium driver.

The MSUB18 sub is a compact high technology arrayable sub.

MSUB18 main features

- Very high power, arrayable sub that can be stacked or flown, with or without its companion main element the GEO M12.
- Integrated rigging hardware with no loose parts.
- 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 MSUB18 in a wide variety of applications.

The MSUB18 is the ideal companion for the GEO M12 line array element, sharing same aesthetic design and arrayable in the same flown or stacked cluster.

Compact yet powerful

The MSUB18 is only 525mm x 701mm x 704mm (20.6" x 27.6" x 27.7") and weighs 55 kg. A stack of 2 x MSUB18 is the same height as 3 x GEO M12, and this ratio is recommended for most applications.

Advanced NEXO technology included

Using a new very high efficiency hybrid band pass sub design, the NEXO MSUB18 features a new long excursion 18 inch Neodymium driver coupled with a new quadratic-shaped low frequency port expansion, limiting the port compression to a very low level.

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 MSUB18 also accommodates cardioid implementation either in stacked or flown configurations.

The front and back rigging system are compatible so the MSUB18 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 MSUB18 configurations to predict audience coverage and rejection at the back.

Installation and Touring versions

Further versatility is assured by the availability of two versions.

The Touring version uses a solid front steel grill with a back mesh. The fully retractable rigging system connects MSUB18s together, or to the GEO M12 Series accessories. The two connection plates feature 2 x NL4 connectors each.

The Installation version keeps the same acoustic design but comes with a front steel grill covered by an acoustic cloth. The rigging system uses safety nuts and 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 MSUB18 shares the same phase response as other NEXO speakers, making it extremely easy to mix with other NEXO systems, e.g with the smaller GEO M10 or with other NEXO subs, without risk of comb filtering or requiring complex electronic adjustment.



MSUB18 deployed in a flown array with GEO M12.

MSUB18

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.

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MSUB18

MSUB18 WITH NEXO PROCESSING

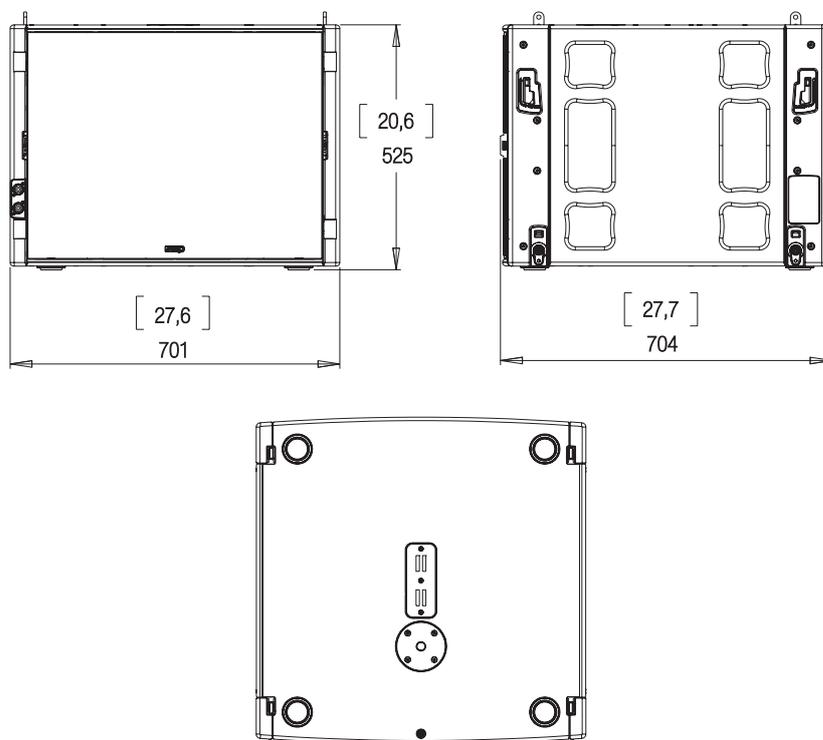
Frequency Response @-6 dB	32 Hz to 120 Hz
Sensitivity 1W@1m	107 dB SPL Nominal
Peak SPL@1m	139 dB
Available Crossover Frequencies	32-65, 32-75, 32-85, 32-95, 32-120 Hz
Nominal Impedance	4 Ohms
Recommended Power	2000 Watts

PRODUCT FEATURES

Component	1 x 18" 4 Ohms very long excursion Neodymium driver
Height x Width x Depth	525mm x 701mm x 704mm (20.6" x 27.6" x 27.7")
Weight: Net	55 kg / 122 lbs
Connectors (Touring version)	4 x NL4, 4 poles connectors (1+/-1 MSUB18 / 2+/-2 Through)
Connectors (Install version)	2 x Cable gland with 2 cores cables
Construction	Baltic Birch Plywood & textured black or white coating
Fittings	8 x Side handles
Front Finish (Touring version)	Steel front grill + back mesh
Front Finish (Install version)	Acoustic fabric fitted from grill
Operating temperature range	0°C - 40 °C
Storage temperature range	-20 °C - 60 °C

SYSTEM OPERATION

Recommended powering solution	NXAMP4x4 Powered TDcontroller: 2 x MSUB18 per channel
Optional powering solution	NXAMP4x1mk2 Powered TDcontroller (Bridged): 1 x MSUB18 per channel
	NXAMP4x2mk2 Powered TDcontroller: 1 x MSUB18 per channel



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.