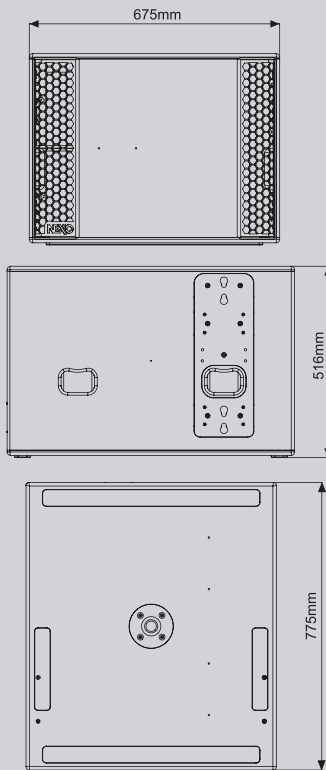


## LS18



### Key Features

- High power system (137-140dB peak SPL @ 1m)
- Frequency response 30Hz-130Hz (a)
- 1 x 18" 4" voice coil long excursion 8 Ω driver
- Light and easy to handle
- Integrates with GEO S12 and PS Systems

### System Applications

- Small to mid sized tour systems
- Stadium/Arena/Auditorium installations
- Nightclub and music venue installations
- Houses of worship
- Corporate AV and presentation systems



The LS18 subbass cabinet brings new versatility to NEXO GEO S12 line array systems and PS Series cabinets, delivering high SPL at a relatively low cost.

Light and easy-to-handle, the LS18 uses a single 18" long excursion driver and is compatible with all GEO S12 accessories, so it can fly with the S1230 and S1210 line array modules, or anchor a ground stack of S12 cabinets. With a steel stand fitting on top of the cabinet, the LS18 also allows for pole mounting of GEO S12 cabinets or NEXO PS15-R2 full-range speakers. LS18 can be flown in tandem with PS15s, which will be of particular interest to the installation sector.



LS18 shown pole-mounting a PS15 cabinet (left) and flown in a GEO S12 line array (right).

LS18 anchoring a GEO S12 ground stack.



## LS18 with NXAMP TD Controller

Frequency Response [a]	35 Hz - 120 Hz $\pm$ 3dB
Usable Range @-6dB [a]	32Hz - 130 Hz
Sensitivity 1W @ 1m [b]	107 dB SPL Nominal
Nominal Peak SPL @ 1m [b]	137 to 140 dB Peak
Nominal Impedance	8 $\Omega$
Crossover Frequencies	60 Hz – 85 Hz - 120 Hz Active
Amplified Controller	NXAMP4x1: 2 x LS18 in parallel on 2 bridged channels NXAMP4x4: 2 x LS18 on 1 channel

## PRODUCT FEATURES

Components :	1 x 18" (46cm) 4" voice coil long excursion 8 $\Omega$ driver
Height x Width x Depth	510 x 675 x 775 mm (20.1" x 26.1" x 30.5")
Weight : Net	55.5 kg (122.3 lb)
Connectors	2 x NL4MP Speakon 4 pole
Construction	Baltic Birch Ply & structured black coating
Fittings:	Handles 4 metal recessed pockets (2 per side)
	Front finish Molded Dark Grey Metal Grill
	Flying Points Two side plates connecting with external accessories
	Stand fittings Internal Steel Stand Fitting on Top (35mm, 1"3/8) allows pole mounting for PS15 or Geo S12

## SYSTEM OPERATION

Electronic Controller	The NEXO NXAMP presets are precisely matched to the LS series cabinets and include sophisticated protection algorithms. Using LS Series cabinets without a properly connected NXAMP will result in poor quality and can damage components
Speaker Cables	LS18 is wired 1- & 1+ on 2 In/Out Speakon connectors Single cables can thus be used to loop through to PS15-R2 or to Geo S12.

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

[a] Response curves & data : Half-Space Anechoic radiation for the LS18 + NXAMP.

[b] Sensitivity & Peak SPL data : these will depend on spectral distribution and crest factor of program material. Measured with band limited Pink Noise., Wideband to the specified  $\pm$ 3dB range. Data are for speaker + processor + recommended amplifier combinations. Peak SPL is at clipping of recommended amplifier.

[c] Directivity curves & data : obtained by computer treatment on off axis response curves

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### 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.