



### Installation Sub, with high-excursion 12" woofer.

The eLS400 installation sub is the ideal companion of the ePS6 and ePS8 installation speakers.

#### eLS400 main features

- Compact installation sub that can be stacked or flown with a companion main speaker, the ePS6 or the ePS8.
- Discrete, easy to integrate design.
- Lightweight (14.5 kg / 32 lbs) using neodymium drivers and birch plywood enclosure.
- IP54 protection level.
- Comprehensive range of accessories for deploying the eLS400 in a wide variety of applications.

The eLS400 shares the same discrete aesthetic design as the ePS range, while offering the well-known NEXO size-to-power ratio.

#### High-density package

The eLS400 is 365mm x 425mm x 447mm (14.4" x 16.7" x 17.6") and weighs 14.5 kg (32 lbs), using a high-excursion 12" neodymium driver in a bass-reflex enclosure design.

#### ePS6 and ePS8 perfect companion

The eLS400 has been designed as the companion sub for both ePS6 and ePS8.

Systems composed of ePS speakers and eLS subs will inherit the same high-quality components as other NEXO point sources, coupled with the unique processing capabilities of the NXAMPmk2 amplifiers developed for the high-end P Series.

The two dimensions of the front panel of the eLS400 match the height of either the ePS6 or the ePS8. Thus, using a dedicated accessory the combo of eLS400 + ePS6 (or eLS400 + ePS8) gives a very compact wideband system with a great impact and a frequency response down to 45 Hz.

#### Installation dedicated

The eLS400 has been specifically developed for the fixed installation market.

The robust yet lightweight enclosure is built in 15 mm birch plywood, protected by a strong polyurethane based coating. The front grill is in Magnelis® and is covered by a black acoustic cloth which is UV and fire resistant.

The connection at the back of the speaker is done through two (in/out) pairs of screws terminal blocks, while the included IP cover protects the connectors from moisture in outdoor applications.

The eLS400 meets the IP54 protection level when the IP cover is used.

An optional NEXO logo is delivered with each sub, allowing the choice of a perfectly black and slick look or with a touch of silver.

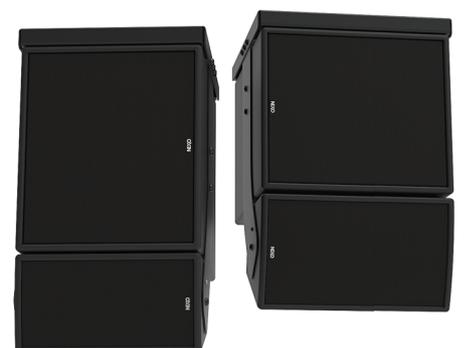
#### Multiple rigging options

On the four sides of the cabinet, two M10 fittings will connect the eLS400 to U bracket, eye-bolts or dedicated accessories.

Unused M10 fittings can be used for extra rigging points in areas where legislation requires it.

#### Perfect phase alignment

The eLS400 shares the same phase response as other NEXO speakers, making it extremely easy to mix with other NEXO systems, or when used with any NEXO subs, without risk of comb filtering or requiring complex electronic adjustment.



eLS400 coupled with ePS6 (left) and ePS8 (right).

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.

### ELS400 WITH NEXO PROCESSING

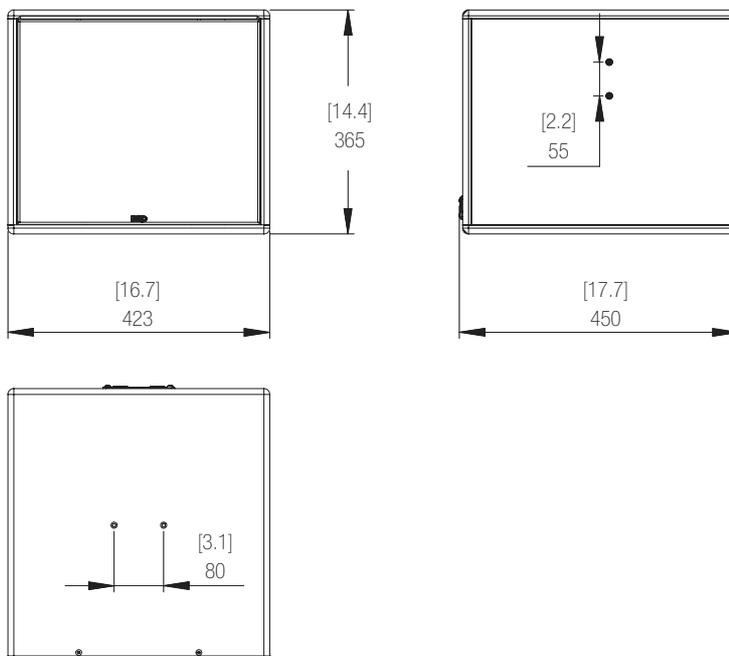
Frequency Response @-6 dB	45 Hz to 150 Hz
Sensitivity 1W@1m	102 dB SPL Nominal
Peak SPL@1m	130 dB
Crossover Frequency	45-85 Hz, 45-120 Hz, 45-150 Hz
Nominal Impedance	6 Ω
Recommended Power	450 to 700 Watts / 6 Ohms (requires a 700 to 1000 Watts / 4 Ohms amplifier)

### PRODUCT FEATURES

Component	1 x Neodymium 12" 6 Ohms long excursion
Connectors	2 pairs (In/Out) of 7.62 mm pitch screw terminal blocks (+/- poles)
Compatible cables section	Cables from 0.75 mm <sup>2</sup> to 3.31 mm <sup>2</sup> (AWG 18 to 12) copper section
Compatible cables outside diameter	Cable with maximum outside diameter of 9 mm
Rigging points	4 x pairs of M10 rigging points (two on each side)
Material	15mm baltic birch plywood body and Magnelis grill
Finish	Black structural paint (RAL9005 or Custom RAL upon request)
Front Finish	UV & Fire resistant acoustic fabric
Height x Width x Depth	365mm x 423mm x 450mm (14.4" x 16.7" x 17.7")
Weight: Net	14.5 kg (32 lbs)
Operating temperature range	0°C - 40 °C (32° F - 104° F)
Storage temperature range	-20 °C - 60 °C (-4 ° F - 140° F)
IP Rating	IP54

### SYSTEM OPERATION

Recommended powering solution	NXAMP4x1mk2 Powered TDcontroller: up to 2 x eLS400 per channel
Optional powering solution	DTDcontroller + DTDAMP4x0.7 : 1 x eLS400 per channel
	DTDcontroller + DTDAMP4x1.3 : 1 x eLS400 per channel
	NXAMP4x2mk2 Powered TDcontroller: up to 3 x eLS400 per channel
	NXAMP4x4mk2 Powered TDcontroller: up to 3 x eLS400 per channel



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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.