



Column Sub, with high-excursion 3x 12" woofers.

The IDS312 column sub is the ideal companion of the ID84 column speaker.

IDS312 main features

- Powerful column sub that can be stacked with or without its companion main speaker the ID84.
- Can be stacked horizontally or vertically.
- Ideal size to bring the ID84 to the audience height.
- Lightweight (31 kg / 68 lbs) using neodymium drivers and birch plywood enclosure.
- Comprehensive range of versatile, multifunction accessories for deploying the IDS312 in a wide variety of applications.
- Available in Touring, Installation and Tis versions, with custom RAL colour options.

The IDS312 shares the same aesthetic design and sonic signature as the other modules in the ID Serie, while offering an elegant format and the well known NEXO best size to power ratio.

High-density package

The IDS312 is 1160mm x 380mm x 350mm (45.7" x 15.0" x 13.8") and weighs 31 kg (68 lbs), using three high-excursion Neodymium drivers in a bass-reflex enclosure design.

ID84 perfect companion

When the ID84 is fitted onto the IDS312, the total height of the assembly gives a perfect height for the best coverage of the audience.

The crossover between the IDS312 and the ID84 has been designed to perfectly extend both the frequency response of the main speaker and the directivity by acting like a homogenous two meters high sound source.

Quick connect system

A quickly removable magnetic cover on the top of the sub will unveil a Quick Connect system that ensures the mechanical and the electrical connection between the IDS312 and the ID84.

Thus only one four core cable connected to the bottom of the sub can feed both the IDS312 and the ID84 speaker without unelegant cable at the back of the column.

Touring, Installation and Tis versions

The IDS312 Touring version uses a front Magnelis® grill. Its connection plate uses two NL4 connectors at the back and one connector hidden into the top cover integrated into the Quick Connect system for cableless connection to the ID84 main speaker.

The Installation version keeps the same acoustic design but comes with its front Magnelis® grill covered by an acoustic cloth. The connectivity is made through cable gland and captive two core cables, this version being then IP54 rated. There is no Quick Connect system on this version.

The TIS version is actually a Touring version plus the acoustic cloth in front. All versions are available in black, white or custom RAL colour on request.

All versions are delivered with two rubber mats to install the IDS312 horizontally.

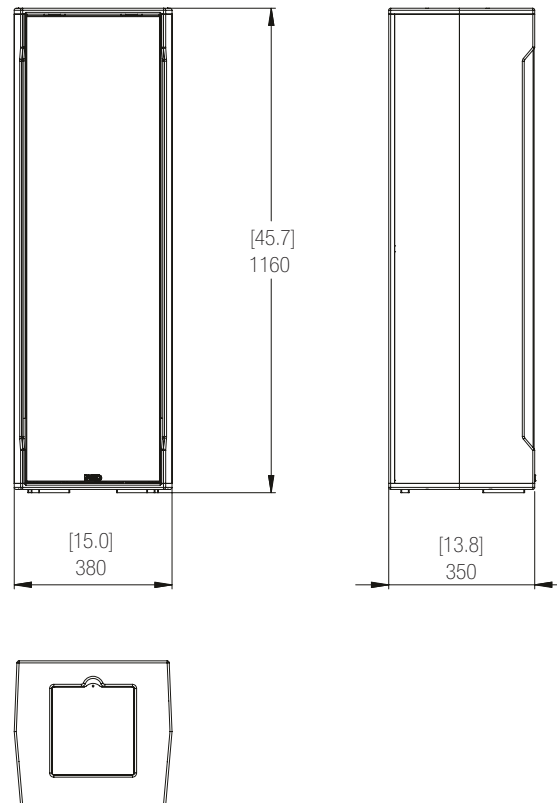
Perfect phase alignment

The IDS312 shares the same phase response than 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.



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.

	IDS312-T (Touring)	IDS312-I (Install)	IDS312-TIS (Tis)
IDS312 WITH NEXO PROCESSING			
Frequency Response @-6 dB	40 Hz to 120 Hz		
Sensitivity 1W@1m	105 dB SPL Nominal		
Peak SPL@1m	138 dB		
Crossover Frequency	40-85 Hz, 40-120 Hz, 40-150 Hz, 63-120 Hz, 63-150 Hz		
Nominal Impedance	2 Ω		
Recommended Power	1300 to 2100 Watts / 2 Ohms		
PRODUCT FEATURES			
Components	3 x Neodymium 12" 6 Ohms long excursion		
Connectors	2x NL4 connectors (1+/1- & 2+/2-) + Quick connect system for ID84	Cable gland with 2x core cable	2x NL4 connectors (1+/1- & 2+/2-) + Quick connect system for ID84
Rigging points	1 x pair of M6 rigging points to link the IDS312 to a base plate		
Material	15mm baltic birch plywood		
Finish	Black structural paint (RAL9005), White structural paint (RAL9016) or Custom RAL		
Front Finish	Magnelis® Front grill	UV & Fire resistant acoustic fabric	UV & Fire resistant acoustic fabric
Height x Width x Depth	1160mm x 380mm x 350mm (45.7" x 15.0" x 13.8")		
Weight: Net	31 kg (68 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	IP2x	IP54	IP2x
SYSTEM OPERATION			
Recommended powering solution	NXAMP4x1mk2 Powered TDcontroller: 1 x IDS312 per channel		
Optional powering solution	NXAMP4x2mk2 Powered TDcontroller: 1 x IDS312 per channel		
	NXAMP4x4mk2 Powered TDcontroller: 1 x IDS312 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.