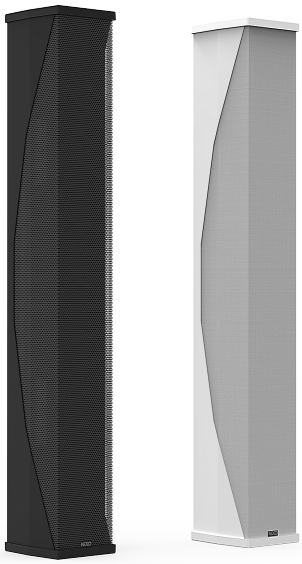
ID84L Column Speaker Data Sheet



ID84 Low Frequency Control extension with 8x 4" LF.

The ID84L extension speaker is a powerful high-technology column speaker.

ID84L main features

- Powerful Column speaker extension that can be stacked or flown, to extend ID84 directivity in the low frequency.
- Up to 2x ID84L + 2x ID84 can be coupled upside down for increased throw and/or coverage and directivity control.
- Comprehensive range of versatile, multifunction accessories for deploying the ID84L + ID84 in a wide variety of applications.
- Available in Touring, Installation and Tis versions, with custom RAL colour options.

The ID84L 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 size-to-power ratio.

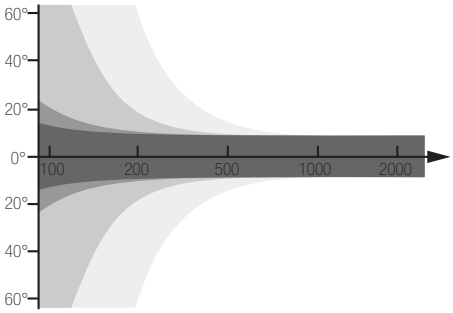
High-density package

The ID84L is 990mm x 150mm x 163mm (39.0" x 5.9" x 6.4") and weighs 14 kg (31 lbs). Using the latest-generation powerful Neodymium drivers used in the ID24.

Advanced NEXO technology included

The ID84L extends the applications of the ID84 main speaker.

By increasing the line length the vertical directivity of the assembly naturally narrows down in frequency, as depicted on the directivity plot below.



Vertical directivity from 100 Hz to 2 kHz from light grey to dark grey respectively with 1x ID84, 2x ID84, 2x ID84 + 1x ID84L and 2x ID84 + 2x ID84L line.

Adding ID84 & ID84L together

Two ID84 modules can be coupled upside down, increasing both the HF efficiency and the directivity in the LF by increasing the length of the source.

Optionally ID84L can be added as well, increasing the column lenght from 2 meters (ID84 + ID84L) up to 4 meters (2x ID84 + 2x ID84L).

All these combinations can be simulated through our acclaimed simulation software: NS-1.

Perfect phase aligment

The ID84L shares the same phase response as all NEXO speakers, making it extremely easy to mix with other NEXO systems, e.g for side fill or front fill, or when used with any NEXO subs, without risk of comb filtering or requiring complex electronic adjustment.

Touring, Installation and Tis versions

The ID84L is available with the same finish options as the main module ID84. Please refer to ID84 datasheet for details.



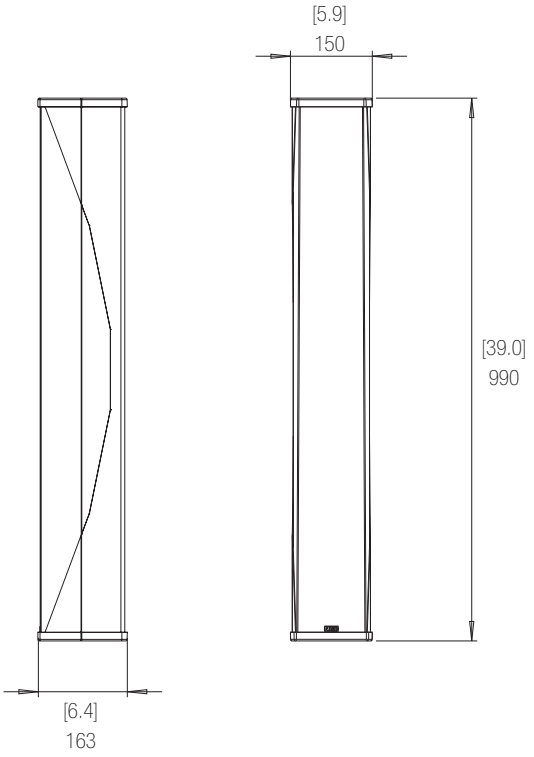
From left to right:
1x ID84,
1x ID84 + 1x ID84L
2x ID84 (center) + 2 x ID84L

nexo-sa.com

ID84L Column Speaker Data Sheet

NEXO

	ID84L-T (Touring)	ID84L-I (Install)	ID84L-TIS (Tis)
ID84L WITH NEXO PROCESSING			
Frequency Response @-6 dB	90 Hz to 1.5 kHz		
Sensitivity 1W@1m	102 dB SPL Nominal		
Peak SPL@1m	132 dB		
Vertical Dispersion	Depends on ID84 Main module configuration and assembly		
Horizontal Dispersion	100°		
Crossover Frequency	90 Hz, 120 Hz		
Nominal Impedance	4 Ω		
Recommended Power	650 to 1080 Watts / 4 Ohms		
PRODUCT FEATURES			
Number of ways	1 way		
LF Component	8 x 4" 8 Ohms long excursion Neodymium driver		
Connectors	2x NL4 connectors (1+/1-)	Cable gland with 2x core cable	2x NL4 connectors (1+/1-)
Rigging points	2 x pairs of M6 - 70 mm pitch rigging points + 2x extra M6		
Material	Aluminium body and Magnelis® covers & grill		
Finish	Black powder coating (RAL9005), White powder coating (RAL9016) or Custom RAL		
Front Finish	Magnelis® Front grill	UV & Fire resistant acoustic fabric	UV & Fire resistant acoustic fabric
Height x Width x Depth	990mm x 150mm x 163 mm (39.0" x 5.9" x 6.4")		
Weight: Net	14 kg (31 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: Up to 2 x ID84L per channel		
Optional powering solution	DTDcontroller + DTDAMP4x0.7 : 1 x ID84L per channel		
	DTDcontroller + DTDAMP4x1.3 : 1 x ID84L per channel		
	NXAMP4x2mk2 Powered TDcontroller: Up to 2 x ID84L per channel		
	NXAMP4x4mk2 Powered TDcontroller: Up to 2 x ID84L per channel		



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.

NEXO S.A.
Parc d'Activité
du Pré de la Dame Jeanne
B.P. 5
60128 PLAILLY
Tel: +33 (0) 3 44 99 00 70
Fax: +33 (0) 3 44 99 00 30
e-mail: info@nexo.fr

NEXO

nexo-sa.com

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 fnish 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.