

compact

lightweight

powerful

versatile



## PS 15 BASS



### PRODUCT FEATURES

High power bass reinforcement for PS15 (134dB Peak SPL @ 1m) with 15" LF driver.

Low phase shift passive crossover.

PS15 compatible shape and architecture.

Easy set-up and cabling.

Sophisticated control electronics ensure reliable, linear operation.

### PS15 SYSTEM APPLICATIONS

High power touring, installed PA for clubs, A/V, theater, broadcast, etc.

High quality, extremely powerful stage monitoring for clubs, A/V, theater, broadcast, etc.

Fill-in system in conjunction with Nexo Alpha systems.

### PS15 System Components

PS15 Loudspeaker

LS1200 Subwoofer

▶ PS15 Bass

PS15 TDC Controller

The PS15 Bass increases PS15 Loudspeaker sound pressure levels in the 40 to 200 Hz regions for bass heavy applications and when single PS15s are used without the benefits of multiple cabinet coupling. The PS15 Bass is connected in parallel with a PS15 and doesn't require an additional controller or amplifier channel (providing the combined load is within the amplifier's specification). The PS15 Bass has the same size front and grill, so clusters are visually and acoustically coherent. Its deeper trapezoidal cabinet provides increased volume for extended bass response.

The PS15 Loudspeaker System is the most powerful member of Nexo's acclaimed PS Series; versatile, compact, full-range loudspeakers tailored for a wide range of touring and installed sound reinforcement applications. Like all Nexo products, the PS15 Loudspeaker and optional PS15Bass and LS1200 Subwoofer are designed to work with advanced electronic processors, guaranteeing consistent performance and reliability of the highest standard.

PS15's flexible architecture, high power handling and reconfigurable horn make it the perfect solution for almost any application.



# NEXO

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PS  
15

## PRODUCT FEATURES

Components : LF	1 x 15" (38 cm) 6 Ohm driver
Height x Width x Depth	675 x 434 x 457 mm (26.63" x 17.13" x 18")
Weight	26 kg (57 lbs)
Connectors	3 x NL4MP SPEAKON 4 pole; Passive In Passive Loop Thru, Active In
Construction	Baltic Birch Ply finished with textured, polyurethane black coating
Fittings: Handles	2, integral to cabinet
Front finish	Acoustic foam on perforated steel grille (77% transparent)
Flying Points	1 steel anchor point for flying track on top (9 positions)
	2 steel anchor plates for flying track on bottom (3 positions)
Stand fittings	Built in Stand Fitting, 35mm (1 3/8")

## SYSTEM SPECIFICATIONS PS15BASS with PS15 TDController MkII

Frequency Response [a]	40 Hz - 300 Hz $\pm$ 3dB
Sensitivity 1W @ 1m [b]	102 dB SPL Nominal . 99 dB SPL Wideband
Nominal Peak SPL @ 1m [b]	131 to 134 dB Peak (for 550 to 1200 W RMS Amp.)
Cutoff Frequency	120 Hz Passive - 6 dB per octave - Reactance compensation
Nominal Impedance	8 Ohms.
Recommended Amplifiers	550 to 1200 Watts into 8 Ohms for 1 x PS15Bass per channel; 1000 to 1800 Watts into 4 Ohms for 1 x PS15 Bass + 1 x PS15 or 2 x PS15 Bass per channel

## SYSTEM OPERATION

Electronic Controller	The PS15 Bass must be used with a Nexo Controller (PS15 TD MkII analogue or NX241 digital). Use without a properly connected Controller will result in poor sound quality and may damage the components.
Coupling with the PS15:	The PS15 Loudspeaker is not high-pass filtered when used with the PS15 Bass, which has a low order, minimum phase shift 120 Hz passive crossover and reactance compensation. Although it is always preferable to closely couple units, the relative positioning of the PS15 and PS15 Bass is less critical than with sharply filtered Subbass units.
Speaker Cables	The PS15 Bass is connected directly in parallel with PS15s. Single identical cables can thus be used to loop through combinations of Passive or Active PS15 & PS15 Bass in no particular order.

## SHIPPING &amp; ORDERING

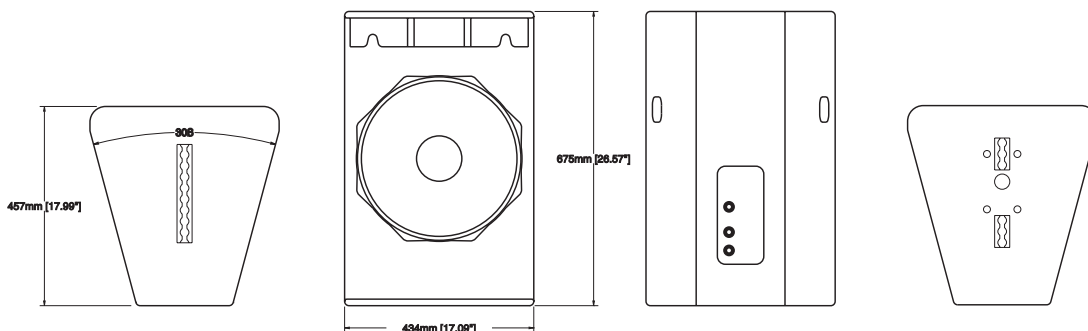
Packaging	PS15Bass are sold as single items and in multiples thereof.
Shipping Weight & Volume	PS.15BASS = 30 kg (66 lbs) 0.2 cu m (7 cu ft).
Accessories	A full selection of mounting Accessories is available, please contact your Nexo Agent for details.

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 PS15BASS + PS15TD MkII.

[b] Sensitivity & Peak SPL data : these will depend on spectral distribution and crest factor of program material. Measured with band limited Pink Noise. Nominal refers to Voice Decade (300 Hz - 3 kHz), Wideband to the specified  $\pm$ 3dB range. Data are for speaker + processor + recommended amplifier combinations. Peak SPL is at clipping of recommended amplifier..

 approved product



## 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/labor. The item is to be adequately packaged and dispatched, pre-paid, to a Nexo authorized distributor/service center. Unauthorized repair shall void the warranty. This Nexo warranty does not cover cosmetics or finish and does not apply to any items which in Nexo's opinion have failed due to user abuse, accidents, modifications or any type of misuse.

www.nexo-sa.com

## PS15 BASS

**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 modelled 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. Continuing research drives all new product development to deliver on our promise; **Sonic Innovation That Works.**

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