

compact

lightweight

powerful

versatile



## LS 1200 SUBWOOFER



515 mm  
20.25"

### PRODUCT FEATURES

High power system (135dB Peak SPL @ 1m) with 18" VLF long excursion driver.

VLF extension (to 29Hz) of PS15 Loudspeakers.

Sophisticated control electronics ensure reliable, linear operation.

Integral pole mount that supports 1 PS15 Loudspeaker.

### 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 TDController

The LS1200 Subwoofer extends the usable range of the PS15 Loudspeaker to 29 Hz, providing high performance and high power output (135 dB Peak) in an extremely compact, light weight package. The PS15 TDController's integral sub section and combined signal (PS15 and LS1200) Speakon wiring ensure cost effective and simple system implementation. One LS1200 is typically used with 2 PS15 loudspeakers, additional units may be used for an enhanced effect.

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

I N N O V A T E

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PS  
15

## PRODUCT FEATURES

|                        |  |
|------------------------|--|
| Components : VLF       | 1 x 18" ( 46cm ) long excursion 6 Ohm driver                                   |
| Height x Width x Depth | 515 x 791 x 597 mm (20.25" x 31.13" x 23.5" )                                  |
| Weight                 | 45 kg (99 lbs) net   |
| Connectors             | 2 x NL4MP SPEAKON 4 pole   |
| Construction           | Baltic Birch Ply & textured, polyurethane black coating                        |
| Fittings: Handles      | 2, integral to cabinet   |
| Front finish           | Perforated steel grilles   |
| Flying Points          | 3 steel anchor points for flying tracks on side and back                       |
| Stand fittings         | Internal Stand Fitting on Top (35mm, 1 3/8") accepts a mast supporting 1 PS15. |

## SYSTEM SPECIFICATIONS LS1200 with PS15 TDController MkII

|                           |   |
|---------------------------|---|
| Frequency Response [a]    | 30 Hz - 120 Hz $\pm$ 3dB                    |
| Usable Range @-6dB [a]    | 29 Hz - 130 Hz                              |
| Sensitivity 1W @ 1m [b]   | 102 dB SPL Nominal                          |
| Nominal Peak SPL @ 1m [b] | 133 to 135 dB Peak (800 to 1200 W RMS Amp.) |
| Crossover Frequencies     | 80 Hz Active through PS15TD                 |
| Nominal Impedance         | 4 Ohms                                      |
| Recommended Amplifiers    | 800 to 1200 Watts into 4 Ohms               |

## SYSTEM OPERATION

|                       |   |
|-----------------------|---|
| Electronic Controller | The LS1200 Subwoofer 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.   |
| Subbass               | The LS1200 Subwoofer provides optional VLF extension for PS15 Loudspeakers. Active two-way operation with the PS15 is included in the PS15TD MkII, or NX241.  |
| Speaker Cables        | The PS15 is wired 2- & 2+ on Speakon connectors, LS1200 on 1- & 1+. Loop through Speakons are present on both products. Single identical cables can thus be used to loop through combinations of up to 2 x PS15 (passive mode) & 1 x LS1200 in no particular order. |

## SHIPPING &amp; ORDERING

|                          |  |
|--------------------------|--|
| Packaging                | LS1200s are sold as single items and in multiples thereof. |
| Shipping Weight & Volume | 1 x LS.1200 = 49 kg (108 lbs) 0.320 cu m (11 cu ft)        |

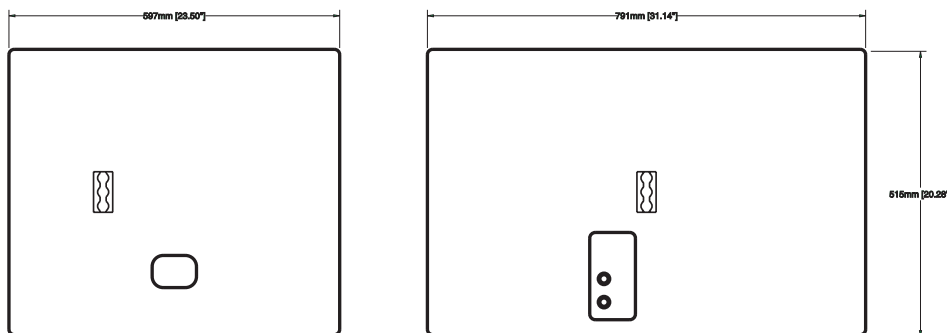
As part of a policy of continual improvement, NEXO reserves the right to change specifications without notice.

[a] Response curves & data : Anechoic Far Field for the PS15 + PS15TD MkII. Half-Space Anechoic radiation for the LS1200 + 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.

CE 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

## LS1200 SUBWOOFER

**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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