

compact

lightweight

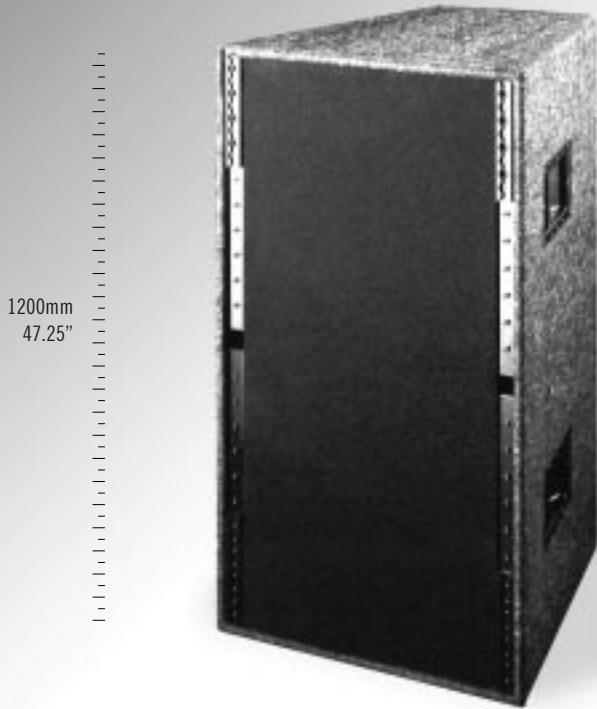
powerful

versatile

# α

## Alpha System

### S2 SUBBASS



1200mm  
47.25"

#### Alpha System Components

B1 Bass

M3 Mid/Hi

M8 Mid/Hi

▶ S2 Subbass



NX241 Digital TDCcontroller

The Alpha S2 is an advanced high power Subbass module that can be stacked or flown together in arrays with Alpha M3, M8 and B1 and Alpha<sup>e</sup> Series cabinets. The S2 uses two Nexo specified high power 18" long excursion LF drivers in a high efficiency resonator design combined with low speed port geometry to deliver low distortion, coherent output from 32Hz to 64Hz. The S2 provides optional VLF extension of the frequency response of Alpha<sup>e</sup> Series and Alpha Systems to 32Hz.

The Alpha System is a range of advanced technology modular, compact, high power loudspeaker modules tailored for a wide range of touring and installed sound reinforcement applications, from clubs and theaters to large scale live events. Like all Nexo products, Alpha System components are designed to work with advanced electronic processors, guaranteeing consistent performance and reliability of the highest standard.

#### PRODUCT FEATURES

High power Subbass module (140dB peak SPL @ 1m) with 2 x 18" 6 Ohms long excursion LF drivers.

High efficiency, lightweight resonator design with low port speed geometry, usable frequency response 32Hz – 64Hz.

Active operation with NX241 Digital TDCcontroller ensures reliable, linear operation.

Baltic birch cabinet available in dark grey carpet covering or textured black paint.

Integrated flying system hardware for Crossbow flying system or standard aircraft fittings.

Ergonomically designed for flying or ground stacking, easy touring handling and truck packs.

#### ALPHA SYSTEM APPLICATIONS

Large scale touring or installed PA for stadiums, arenas, clubs, A/V, and theater.

Industry standard touring PA with extensive global support network.

All Alpha products are 22.5° trapezoid shaped cabinets with the same width and depth; height is in multiples of 200 mm (7 7/8")



# NEXO

I N N O V A T E

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Alpha System

## S2 SUBBASS

## PRODUCT FEATURES

Components	2 x 18" (46 cm) long excursion 6 Ohm drivers. High efficiency acoustic load.
Height x Width x Depth	1200 x 689 x 754mm (47 1/4"x 27 1/8"x 29 11/16")
Shape	22.5° trapezoid
Weight	Net: 85 kg (187 lbs) With wheelboard: 95 kg (209 lbs)
Connectors	1 x SPEAKON 4 pole Wiring: 1+ & 1- (VLF)
Construction	Baltic Birch Ply finished with dark grey carpet. Textured, polyurethane black paint coating also available.
Fittings:	Handles Front finish Flying Points & Fixed Installation
	4 Metal Bar Handles Acoustic foam on perforated steel grille (77% transparent) Crossbow Flying System cabinet hardware; 4 Flying Tracks on front (7 positions in 2.5° steps), top to bottom steel back plate, 2 Flying Tracks on back (Hinge Fixing), Internal top to bottom steel links. Crossbow flying tracks can also receive standard aircraft fittings..

## SYSTEM SPECIFICATIONS Alpha S2 with NX241 Digital TDController

Frequency Response [a]	32Hz – 64 Hz ±3dB
Usable Range @-6dB [a]	29Hz – 180Hz
Sensitivity 1W @ 1m [b]	105 dB SPL Nominal
Nominal Peak SPL @ 1m [b]	140 dB Peak
Nominal Impedance	3 Ohms (2.7 min)
Recommended Amplifiers	1800 to 2400 Watts into 3 Ohms

## SYSTEM OPERATION

Electronic Controller	The Alpha S2 must be used with a Nexo NX241 Digital TDController. Use without a properly connected Controller will result in poor sound quality and may damage the components.
Subbass	The Alpha S2 provides optional VLF extension for Alpha B1/M3/M8 and Alpha <sup>e</sup> Series systems. Active operation of the S2 is included in the NX241.

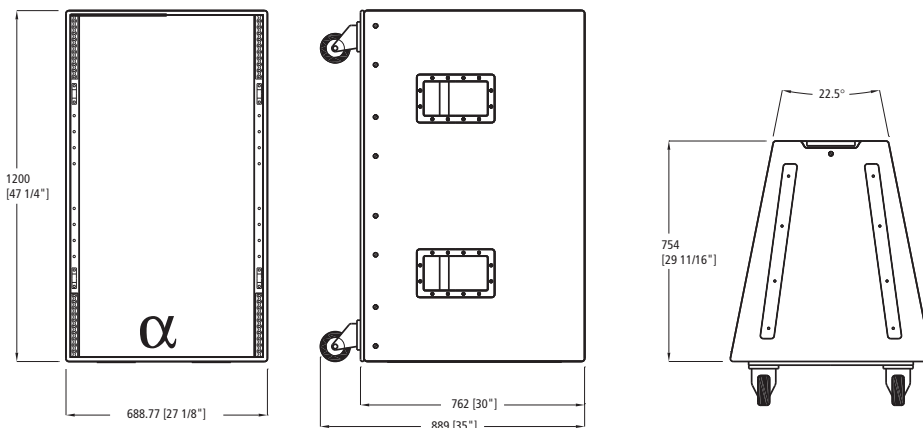
## SHIPPING &amp; ORDERING

Ordering	Alpha S2 carpet finished and ready to fly (without wheelboard) = Ref: AL.S2-CF. Other versions please refer to your Nexo agent.
Packaging	Alpha S2s are sold as single items and in multiples thereof.
Shipping Weight & Volume	Packaging will vary according to carpet or paint finish & quantity ordered. Please refer to your Nexo agent.
Accessories	Crossbow Flying System, refer to the Crossbow specs. Wheelboard = Ref: AL.WB2.

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

[a] Response curves & data: Anechoic Far Field above 200Hz. Half-Space Anechoic below 200Hz. Usable Range Data: Frequency response capability with TD crossover slopes removed.

[b] Sensitivity & Peak SPL data: will depend on spectral distribution. Measured with band limited Pink Noise. Refers to the specified ±3dB range. Data are for speaker + processor + recommended amplifier combinations.


**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](http://www.nexo-sa.com)

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