



Nexo LS400 Sub

The LS400 Sub-Bass extends the usable range of the PS8 Loudspeaker to 40Hz, providing high performance and high power output (131dB Peak) in an extremely compact, light weight package. The NEXO-designed shielded 12in Neodymium driver allows the LS400 to be used in close proximity to magnetically sensitive video equipment. Two LS400s are typically used with two PS8 loudspeakers, additional units may be used for an enhanced LF impact. PS8 and LS400 presets in the DTD Controller ensure cost-effective and simple system implementation while the NXAMP powered controller offers full network connectivity and the facility to combine PS8/LS400 configurations with any other Nexo cabinets.

Physical

Size of Unit	500 x 338 x 406mm
Item Weight	19.5kg
Size of unit cased	590 x 420 x 640mm
Cased weight	36kg
Quantity in Case	1
LF Driver	1 x 12" long excursion Neodymium driver
HF Driver	N/A
Enclosure Construction	Baltic Birch Ply



Electrical

Rated Power	N/A
Input Power	N/A
Power Connection	N/A

Mounting Options

Speaker Stand	Integrated pole cap mount for 1 or 2 x PS8
Horizontal / Vertical	N/A
Foldback Wedge	N/A
Flyware Options	N/A

Input / Outputs

Type	NL4 (pins 1+/-)
Numbers	2

Parameters

Passive / Active	Passive
Horn Dispersion / Rotatable	N/A
Frequency Response	40-140 Hz (Nexo PS8 Amp) or 40-85, 40-120 or 60-120 Hz selectable with DTD-T controller
Max SPL (1m, Full Space)	131 dB
Sensitivity	99 dB @ 1W/1m
Power Handling (RMS)	700W
Power Handling (Peak 10ms)	1400W
Crossover Frequencies	HPF @ 40 or 60 Hz / LPF @ 85 or 120 Hz
Nominal Impedance	6 Ohms

Environmental

IP Rating	N/A
Cooling	Ports
Max Operating Temperature	-

Compatibility

Max balanced level requires 1:1 ratio of LS400 subs to PS8 hi's

	QSC GX5 Amp 2 Channels NL4 OUT	Nexo PS8 Amp 2 Channels NL4 OUT	Nexo NX Amp 4x1000w 4 Channels NL4 OUT	Nexo NX Amp 4x4000w 4 Channels NL4 OUT	Camco Vortex 4 Amp (4000w) 2 Channels NL4 OUT	Camco Vortex 6 Amp (6000w) 2 Channels NL4 OUT	Camco D3 Amp (3200w) 2 Channels NL4 OUT	D&B D12 Amp 2 Channels EPS OUT	D&B D20 Amp 4 Channels NL4 OUT
Speaker EV ZLX 12 Passive NL4	2 per channel PREFERRED	X	3 per channel	3 per channel	3 per channel	3 per channel	3 per channel	3 per channel	2 per channel
Nexo ID24 NL4	X	X	4 per channel	4 per channel	4 per channel	4 per channel	4 per channel	X	X
Nexo PS8 NL4	X	2 per channel OR 1 per channel w/ sub	3 per channel	3 per channel	3 per channel	3 per channel	3 per channel	X	X
Nexo PS10 NL4	X	X	2 per channel	3 per channel	3 per channel	3 per channel	3 per channel	X	X
Nexo PS15 NL4	X	X	1 per channel	3 per channel	3 per channel	3 per channel	2 per channel	X	X
Nexo LS400 Sub NL4	X	1 per AMP	2 per channel	2 per channel	2 per channel	2 per channel	2 per channel	X	X
Nexo LS1200 Sub NL4	X	X	X	2 per channel	1 per channel	2 per channel	1 per channel	X	X
Nexo Alpha E: Mid-Hi Speaker NL8	X	X	X	X	X	2 per channel	X	X	X
Nexo Alpha E: B1- 15sub NL8	X	X	X	X	X	2 per channel	X	X	X
D&B E8 Speaker NL4	X	X	X	X	X	X	X	4 per channel	4 per channel
D&B T10 Cabinet EPS	X	X	X	X	X	X	X	4 per channel	4 per channel
D&B B4 Sub EPS	X	X	X	X	X	X	X	2 per channel	2 per channel
D&B B2 Sub EPS	X	X	X	X	X	X	X	1 per channel	X
D&B J Sub EPS	X	X	X	X	X	X	X	1 per AMP	X

Information Links

Manufacturer Link [Nexo LS400](#)

Data Sheet [User Guide](#)