



P series

Compact, high-output, point source
loudspeakers and sub-bass cabinet



The Point Source Loudspeaker Perfected



Building on NEXO's acclaimed expertise in compact, high-output, point source loudspeakers, the P+ Series delivers pristine, full-range sound at even greater Sound Pressure Levels, along with unparalleled versatility, thanks to an ingenious system for varying HF coverage patterns.

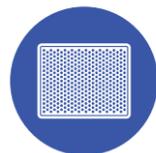
An exciting synergy of sleek good looks and stunning performance, the P8, P10 and P12 loudspeakers employ custom 8, 10 and 12-inch LF/HF drivers in a coaxial configuration to deliver perfect phase alignment, exceptional clarity and a smooth response across the full frequency range. Available in mobile and install versions, the curved, low-profile cabinets can be deployed both vertically or horizontally (as a wedge monitor), and feature pole-mounting hardware and rigging points. Additionally, the P12 can be used in both Active and Passive modes.

The L15 sub is an ideal partner for the P+ Series main cabinets, extending LF performance down to 40Hz, while NEXO's NXAMPK2 or DTD/DTDAMP deliver tailored power and processing solutions, combining multi-channel, high powered, networkable amplification with sophisticated loudspeaker control and protection. Linear phase presets for P+ cabinets in both vertical and horizontal configuration – and for the full range of NEXO cabinets – make it quick and easy to configure a 'Plug & Play' solution for any system.

With the P+ Series, musicians, DJs, theatres and event organisers can expect extraordinary performance from a compact system, while production and rental companies look set to enjoy the industry-leading levels of return on investment upon which the reputation of NEXO point source loudspeakers are built.



P8, P10, P12 Main Cabinets



Dedicated L15 Sub



138dB Peak SPL (P12/Passive Mode)



Variable HF Directivity



Low-Profile Cabinets



Coaxial, Long-Excursion Drivers



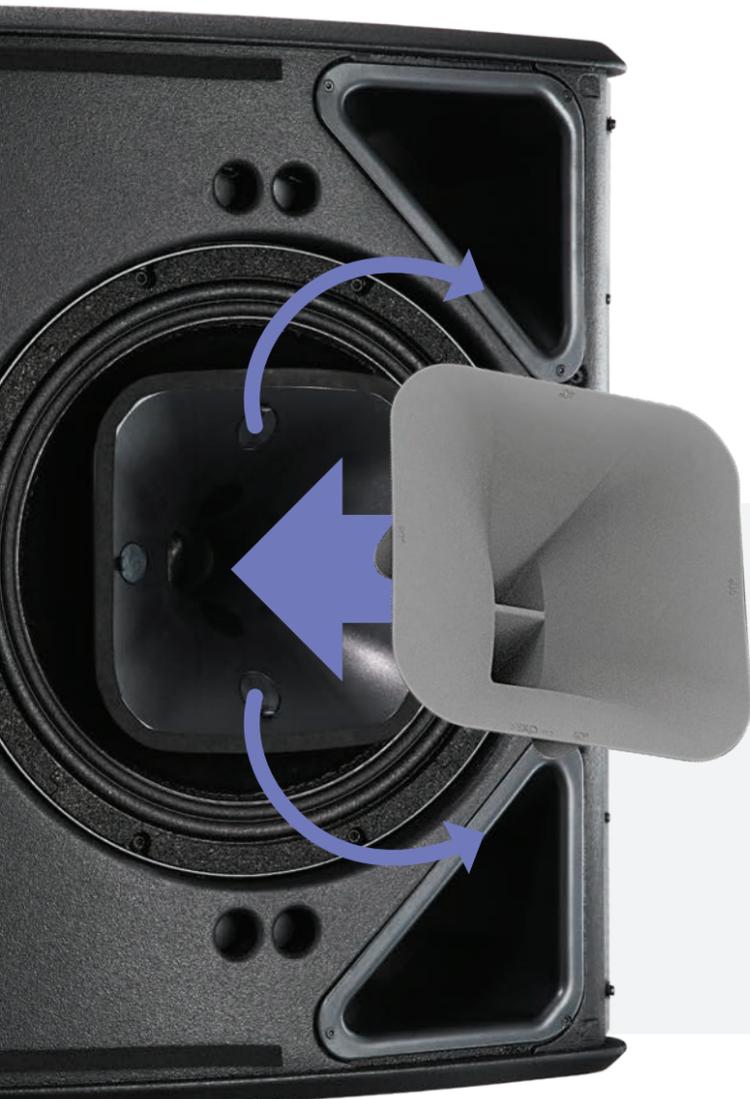
Active/Passive Switching (P12)



Touring/Install Versions

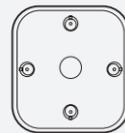
Variable HF Directivity

Optimise the dispersion for your application in just a few moments

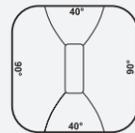


P12 optional magnetic flanges

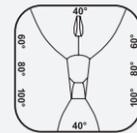
The dispersion characteristics of the P12 can be changed in seconds through the addition of optional magnetic flanges. The standard cabinet uses a 60° x 60° horn with additional 90° x 40° and Asymmetrical (PS Type) 60° - 100° x 40° also available.



Standard Horn Profile
60° x 60° Dispersion



90° x 40° Horn Flange
Rotatable



Asymmetrical (PS Type)
60° to 100° x 40° Dispersion

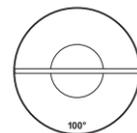
Presets for vertical and horizontal deployment

A dedicated NXAMP preset for every horn/flange configuration in each P+ Series cabinet ensures perfect coverage at any frequency. The phase of the P+ Series setups is compatible with all other NEXO speakers and subs, except for the monitor setups where latency is minimised.

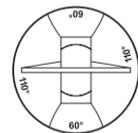


P8 and P10 optional magnetic horn

By default, the P8 and P10 cabinets use a 100° x 100° horn. In the case of these cabinets, the dispersion characteristics can be changed by fitting an optional, rotatable 110° x 60° horn.



Standard Horn
100° x 100° Dispersion



110° x 60° Horn
Rotatable

Advanced cabinet design with quick-release grille

Changing the horn/flanges is easy and requires no tools – the quick-release steel grille can be removed in seconds providing full access (touring versions only).

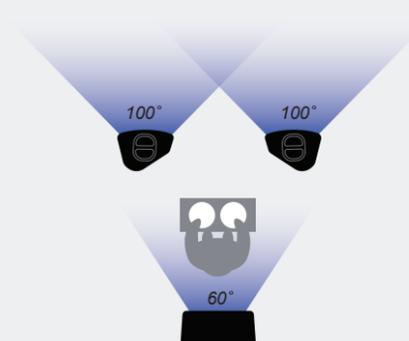
With a fully symmetric design, there are no left or right versions of the P+ Series cabinets, so inventory requirements are significantly streamlined. The cabinets are built around a 15mm custom-profiled plywood shell, using poplar veneer for the inner layers and birch on the outside to ensure strength, rigidity and light weight. Bass-reflex tuning is achieved through two computer-optimised ports to deliver ultra-low distortion, even at very high output levels.

Bringing precision, high-output performance to a range of fixed and mobile applications

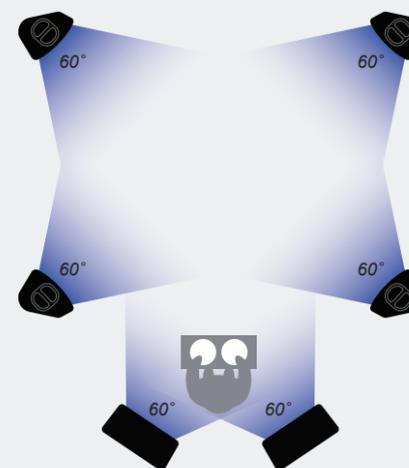
The facility to change the HF directivity makes the P+ Series extremely flexible in a range of mobile and fixed applications. Deployed as a wedge monitor, the P+ cabinets become uniquely versatile, as sound engineers and rental companies can quickly 'tune' the HF coverage to suit the musician: wide for guitarists or narrow for brass sections, while a P+ main cabinet on an L15 sub creates a perfect drum fill monitor.



DJ



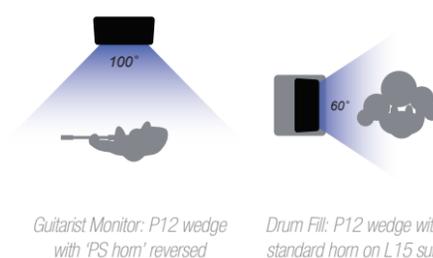
Small Club: 2 x P12 with 'PS Horn' for FOH, 1 x P12 with standard horn for monitor



Large Club: 4 x P12 located in each corner of the room, with 2 x P12 as monitors – all standard horns

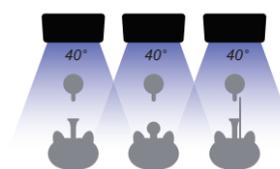


Music

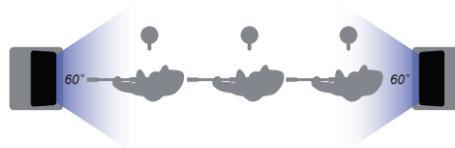


Guitarist Monitor: P12 wedge with 'PS horn' reversed

Drum Fill: P12 wedge with standard horn on L15 sub



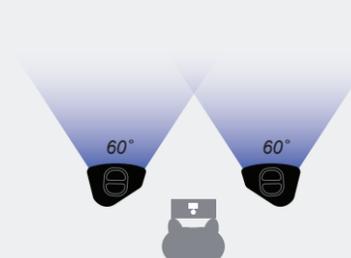
Brass Section Monitors: P12 wedges with 90° x 40° horn for narrow horizontal coverage



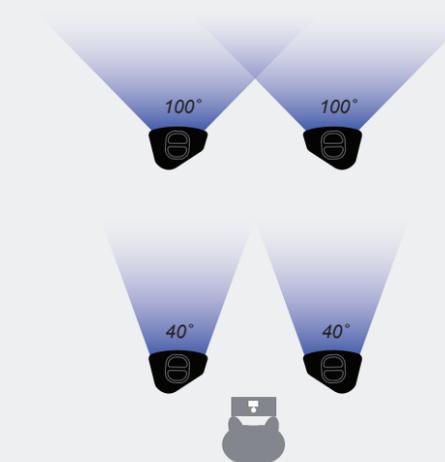
Side Fills: P12 wedges (standard horn) on L15 subs on each side



Events



Simple System: 2 x P12 with standard horn



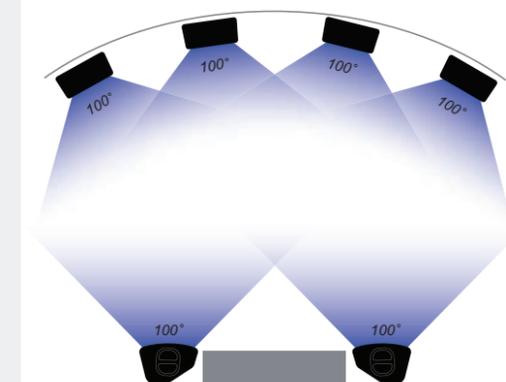
Long Throw System: 2 x P12 + 2 x P12 delayed – all with 'PS horn'



Theatre



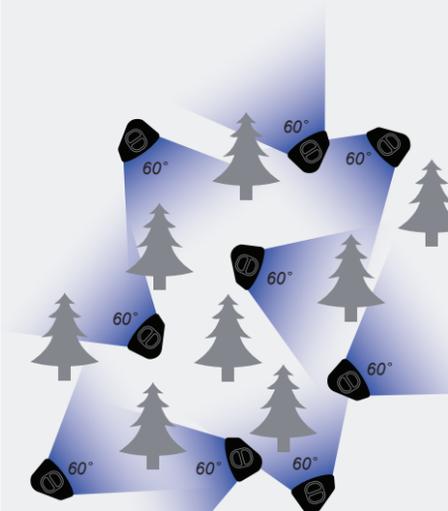
Small Theatre: 2 x P10 with standard horn as FOH



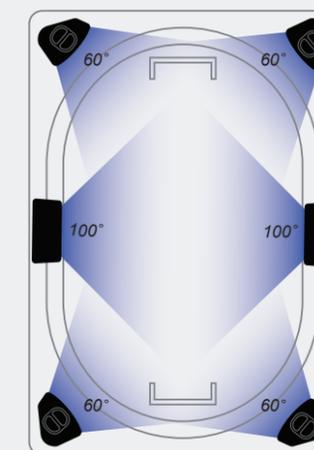
Large Theatre: 2 x P12 with 'PS horn' for FOH + 2 x P8 with standard horn under balcony



Public Spaces



Leisure Park: 8 x P8 with 110° x 60° as a distributed system



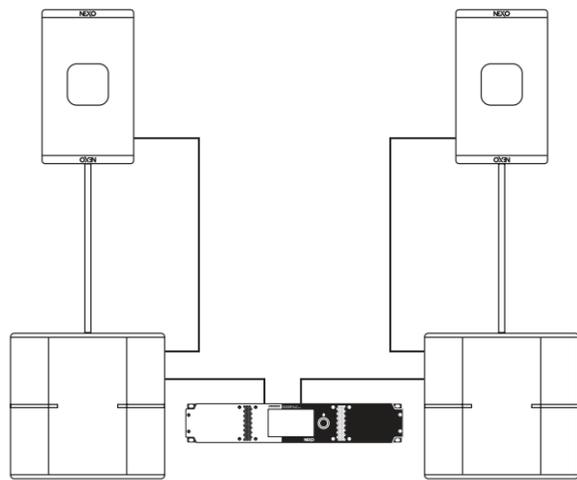
Small stadium: 4 x P12 with standard horn + 2 x P12 with 'PS horn' reversed



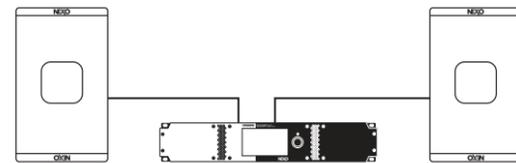
P12 Recommended Systems

NXAMP4X2MK2 delivers the perfect power and processing solution for P12/L15 systems in a variety of configurations

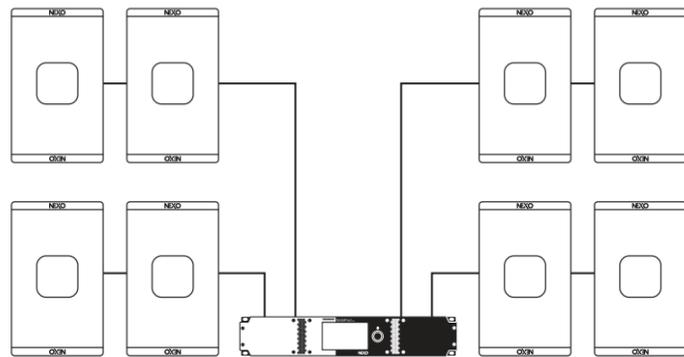
NXAMP4X2MK2



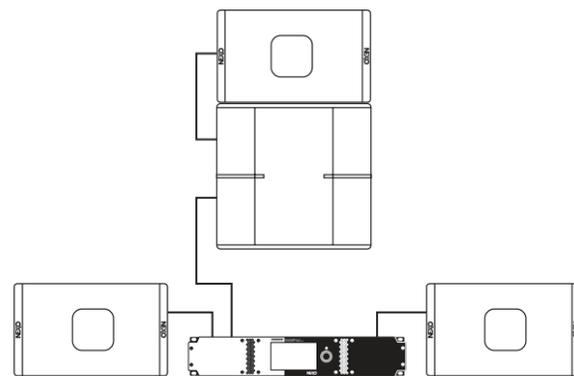
Stereo System: 1 x P12 (Passive) with pole stand on 1 x L15 Sub per side



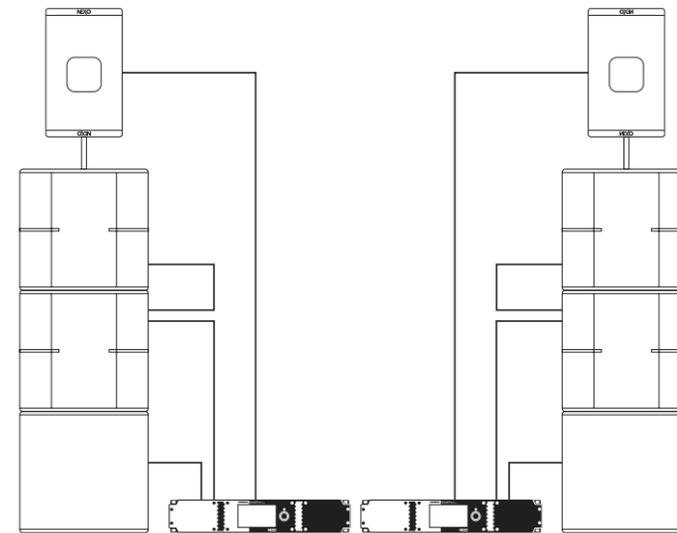
Active System: Stereo, 1 x P12 (Active) per side



Distributed System: 8 x P12 (Passive) – 2 per amplifier channel



Monitor System: 1 x P12 Wedge on 1 x L15 Sub (Drum Fill) + 2 x P12 Wedges



Mid-Sized FOH System: (Per side) 1 x P12 (Active) on 2 x L15 Subs on 1 x L15 Sub (Cardioid Mode)

NXAMP4X2MK2: The perfect power and processing partner



Rated at 4 X 2500 Watts, the NXAMP4X2MK2 combines advanced signal processing with four state-of-the-art Class D amplifiers to create a flexible, light-weight powering and control solution that's perfect

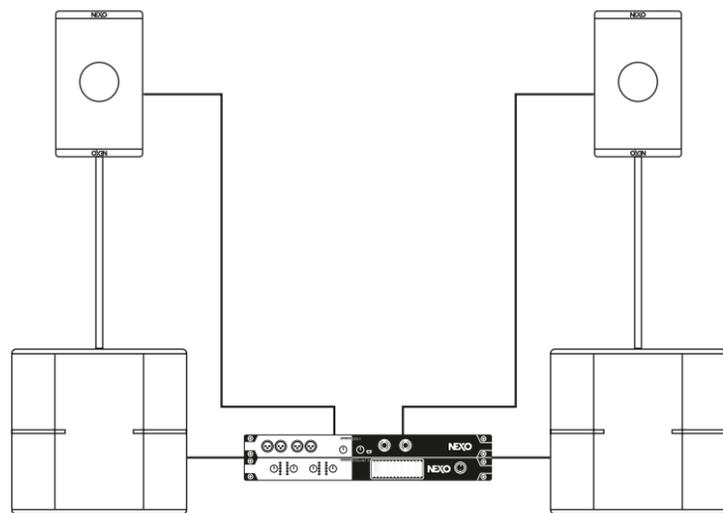
for use with P+ Series systems. Easy to set up and quick to deploy, all essential parameters are readily accessible via a large colour touch-screen on the front panel, with a comprehensive range of control and networking facilities on the rear panel. 32-bit/96KHz converters and 64-bit signal processing combine to assure pristine sound quality.



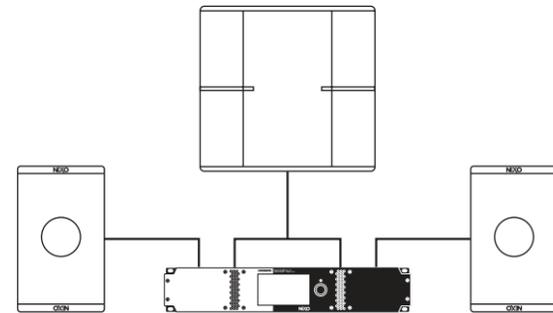
*optional

P10 Recommended Systems

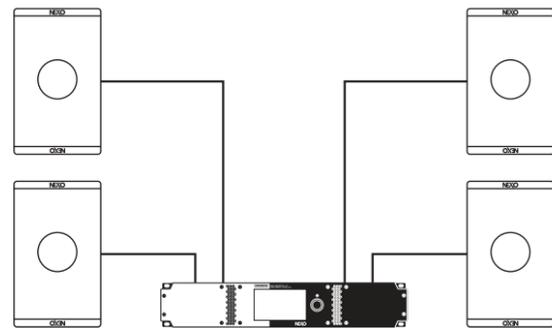
DTD/DTDAMP and NXAMP4X1MK2 provide flexible power and processing solutions for P10/L15 systems



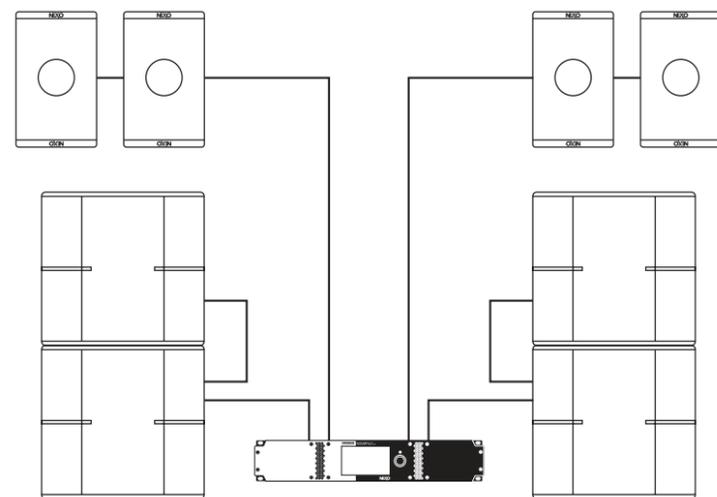
Stereo System: 2 x P10 + 2 x L15
powered by 1 x DTD/1 x DTDAMP4x1.3



Higher Power System with single Sub: 2 x P10 + 1 x L15
powered by NXAMP4X1MK2



Distributed System: 4 x P10
powered by NXAMP4X1MK2



Compact, High-Powered System: 4 x P10 + 4 x L15
powered by NXAMP4X2MK2



DTD-T/DTDAMP

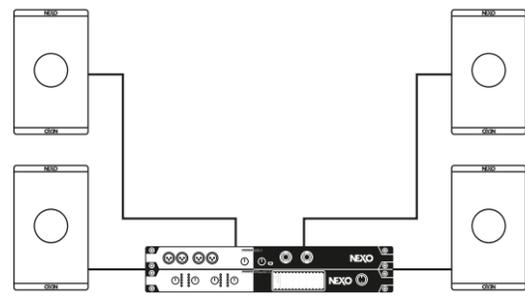
DTD/DTDAMP: Dedicated power and processing for touring and installed systems

Ideal for powering smaller P+ Series systems, the 4-channel, 1U rack-mounting DTDAMP is available in two versions: 4 x 700 Watts and 4 x 1300 Watts (4 x 4 Ohms). The DTDAMP partners perfectly with the touring and install versions of the DTD Controller to create a compact, light-weight, intelligent powering solution that's easy to configure – either in a 'dry hire' application where the user has limited knowledge, or in a fixed installation.

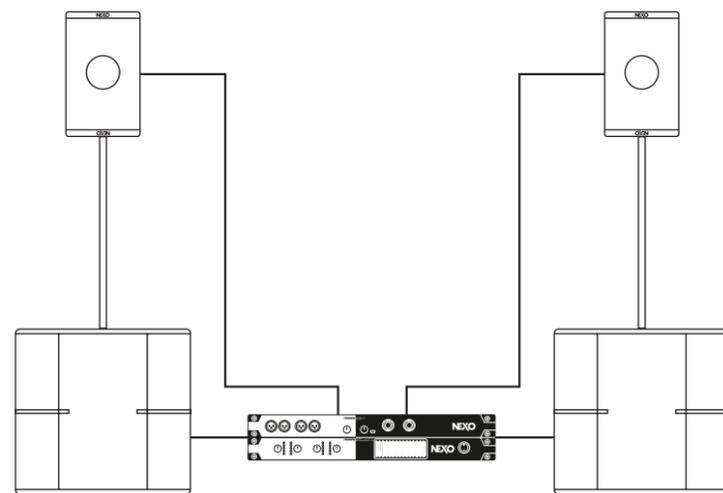
And for more power, the NXAMP4X1MK2 combines advanced signal processing with 4 x 1300 Watts amplification.

P8 Recommended Systems

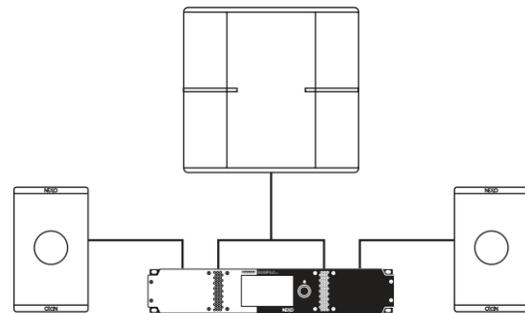
It's easy to configure touring and fixed installation P8/L15 systems using DTD/DTDAMP and NXAMPMK2 power and processing



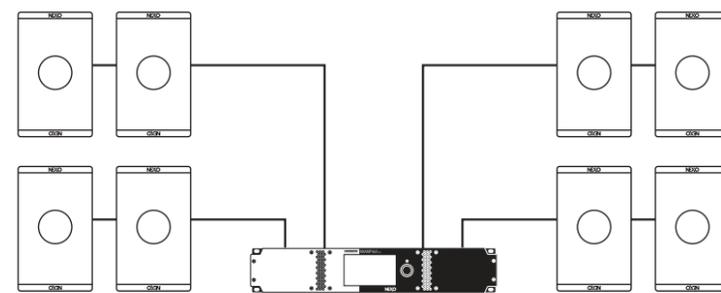
Stereo System: 2 x P8 per side powered by 1 x DTD/1 x DTDAMP4x0.7



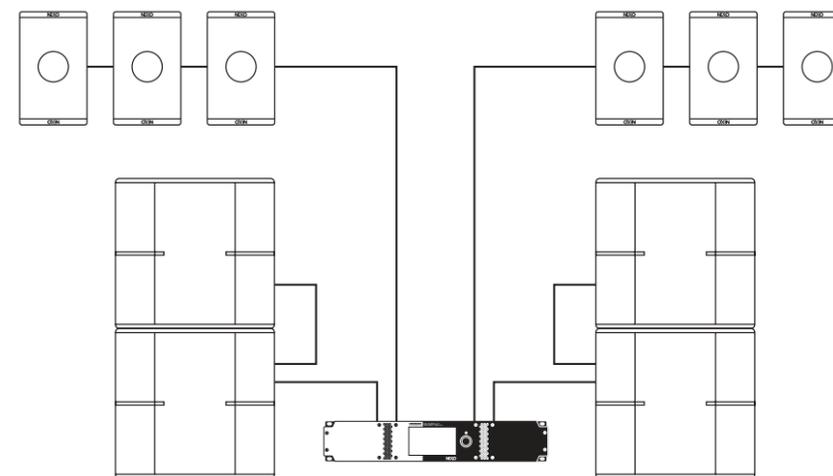
Stereo System with Subs: 1 x P8 + 1 x L15 per side powered by 1 x DTD/1 x DTDAMP4x1.3



Higher Power System with single Sub: 2 x P8 + 1 x L15 powered by NXAMP4X1 MK2



Distributed System: 8 x P8 powered by NXAMP4X1 MK2



Compact, High-Power System: 6 x P8 + 4 x L15 powered by NXAMP4X2 MK2



Comprehensive connectivity for touring and fixed installations

Two large, comfortable handles on each side of the P8, P10 and P12 touring version cabinets house a 35mm pole stand adaptor and a Speakon connector for convenient connectivity in pole-mounted or wedge monitor applications. Two additional Speakon connectors are located on the back plate. The back plate is also the location for the Active/Passive switch (P12 only).

Installation versions of the cabinets feature a 2-core cable for audio input to ensure IP54 protection index.

P+ Series Mounting Accessories

<p>Horizontal Mount PNT-HBRK8 PNT-HBRK10 PNT-HBRK12</p>	<p>Use with Truss Clamp</p>	
	<p>Use with Wall Mount PNI-WM200 PNI-WM280 PNI-WM330</p>	
	<p>Use with Ceiling Mount PNI-CLADAPT</p>	
	<p>Use with Pole Stand PNT-PLADAPT</p>	
<p>Vertical Mount PNT-VBRK8 PNT-VBRK10 PNT-VBRK12</p>	<p>Use with Truss Clamp</p>	
	<p>Use with Wall Mount PNI-WM200 PNI-WM280 PNI-WM330</p>	
	<p>Use with Ceiling Mount PNI-CLADAPT</p>	
	<p>Use with Pole Stand PNT-PLADAPT</p>	

P+ Series Mounting Accessories

<p>Bumper Mount PNT-BUMP</p>	<p>Use with Truss Clamp</p>	
	<p>Use with Adapter PNI-WMADAPT</p>	
	<p>Use with Wall Mount PNI-WM200 PNI-WM280 PNI-WM330</p>	

L15 Mounting Accessories

<p>Horizontal Mount LNT-HBRK15</p>	<p>Use with Truss Clamp</p>	
	<p>Use with Ceiling Mount PNI-CLADAPT</p>	
<p>P12 and L15 Clusters PNI-P12TOL15</p>	<p>The PNI-P12TOL15 creates a high power density full range point source system for mid-throw applications. It can combine a P12 under a L15 (with selectable angle between the two cabinets) or 2x L15 (eventually one being reversed for Cardioid applications). Eye bolts or truss clamp can be used on the top plate to hang the system, or the top plate can directly be screwed into a ceiling.</p>	

Optional Magnetic Flanges / Horns

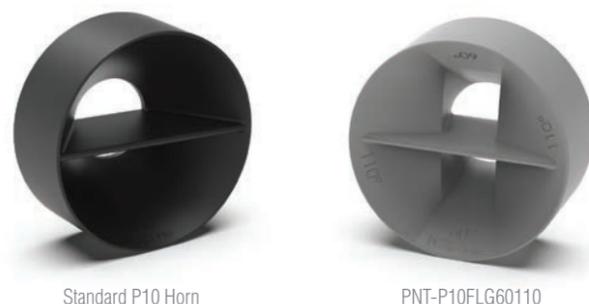
P12 Optional Magnetic Horn Flanges



The dispersion characteristics of the P12 can be changed in seconds through the addition of optional magnetic flanges. The standard cabinet uses a 60° x 60° horn with additional 90° x 40° and Asymmetrical (PS Type) 60° - 100° x 40° also available.

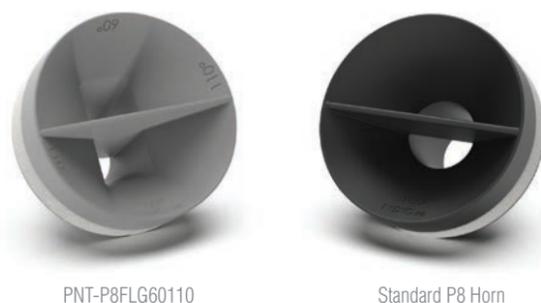
P10 Optional Magnetic Horns

By default, the P10 uses a 100° x 100° horn. The dispersion characteristics can be changed by fitting an optional, rotatable 110° x 60° horn.



P8 Optional Magnetic Horns

By default, the P18 also uses a 100° x 100° horn. The dispersion characteristics can be changed by fitting an optional, rotatable 110° x 60° horn.



Flight Cases and Covers

The P+ Series includes a comprehensive range of flight cases and covers, including cases for accessories.



PNT-2CASE12 Flight case for 2 x P12

PNT-ACC12 Flight case for 2 x set of P12 accessories, one set includes : 2 types of Flanges, Bumper, Pole stand adapter, vertical bracket, horizontal bracket.

PNT-COV12 Cover for P12

PNT-2CASE10 Flight case for 2 x P10

PNT-ACC10 Flight case for 2 x set of P10 accessories, one set includes : 1 optional horn, Bumper, Pole stand adapter, vertical bracket, horizontal bracket.

PNT-COV10 Cover for P10

PNT-4CASE8 Flight case for 4 x P8

PNT-ACC8 Flight case for 4 x set of P8 accessories, one set includes : 1 optional horn, Bumper, Pole stand adapter, vertical bracket, horizontal bracket.

PNT-COV8 Cover for P8

LNT-2CASE15 Flight case for 2 x L15

LNT-COV15 Cover for L15

LNT-WB15 Wheel board for L15

Specifications



P8 cab in main (vertical) and wedge (horizontal) configurations

Measuring 276mm wide x 423mm high x 250mm deep and weighing 12Kg, the P8 can be deployed in vertical or horizontal (wedge monitor) configurations, with HF directivity set to match the specific application. Speakon connectors are located in the side-mounting handles and the back plate (Touring version only). The installation version has a 2 core cable for audio input to ensure IP54 protection index. The P8 is passive only.

P8 with NEXO processing	
Frequency Response (+6 dB)	66 Hz to 20 kHz
Peak SPL Level (1m)	129 dB Peak
Operating Voltage	40 Vrms (105 Vpeak)
HF Dispersion (according to horn)	100° x 100° (Default) - 110° x 60° (with 110° x 60° optionnal horn)
Crossover Frequency	66 Hz, 85 Hz
Nominal Impedance	8Ω

Product Features	
Components	1 x Coaxial LF 8" 8 Ohms long excursion & Neodymium HF 1.5" 8 Ohms
Number of ways	2 ways passive
Connectors (Touring version)	4 x NL4, 4 poles connectors (1 per handle + 2 at the back)
Connectors (Install version)	1 x Cable gland with 2 cores cable
Rigging points	1 x universal accessory fit on each side + 1 x on the bottom
Material	Custom made bent plywood of baltic birch and poplar
Finish	Black or White structural paint
Front Finish (Touring version)	Magnelis® steel front grille + back mesh
Front Finish (Install version)	UV resistant acoustic fabric fitted front grill
Height x Width x Depth	423 mm x 276 mm x 250 mm (16.7" x 10.9" x 9.8")
Weight: Net	12 kg (26.5 lbs)
Operating temperature range	0°C - 40 °C (32° F - 104° F)
Storage temperature range	-20 °C - 60 °C (-4 °F - 140° F)

System Operation	
Recommended powering solution	NXAMP4X1MK2 Powered TDcontroller: up to 2 x P8 per channel
Optional powering solution	DTDcontroller + DTDAMP4x1.3 : up to 2 x P8 per channel NXAMP4x2MK2 Powered TDcontroller: up to 3 x P8 per channel NXAMP4x4MK2 Powered TDcontroller: up to 4 x P8 per channel



P12 cab in main (vertical) and wedge (horizontal) configurations

Measuring 432mm wide x 531mm high x 317mm deep and weighing 20Kg, the P12 can be deployed in vertical or horizontal (wedge monitor) configurations, with HF directivity set to match the specific application. Speakon connectors are located in the side-mounting handles and the back plate, with Active/Passive switching on the back plate also (Touring version only). The installation version has a 2 core cable for audio input to ensure IP54 protection index.

P12 with NEXO processing	
Frequency Response (+6 dB)	60 Hz - 20 kHz
Peak SPL Level (1m)	138dB Peak (Passive mode) / 140dB Peak (Active mode)
Operating Voltage	55Vrms (150Vpeak)
HF Dispersion (according to horn)	60°x60° - 90°x40° - Asymmetrical Dispersion 60° to 100°x40°
Crossover Frequency	60 Hz - 85 Hz
Nominal Impedance	Active mode (8Ω LF, 8Ω HF) – Passive mode: 8Ω

Product Features	
Components	LF: 1x12" - 8Ω; HF : 1x3" - 8Ω - Neodymium driver
Number of ways (Touring version)	2 ways passive (2+/2 P12) or 2 ways active (1+/1 LF, 2+/2 HF) switchable
Number of ways (Install version)	2 ways passive
Connectors (Touring version)	4 x NL4, 4 poles connectors (1 per handle + 2 at the back)
Connectors (Install version)	1 x Cable gland with 2 cores cable
Rigging points	1 x universal accessory fit on each side + 1 x on the bottom
Material	Custom made bent plywood of baltic birch and poplar
Finish	Black or white structural paint
Front Finish (Touring version)	Steel front grille + Black mesh
Front Finish (Install version)	Acoustic fabric fitted front grill
Height x Width x Depth	534mm x 432mm x 314mm (21.0" x 17.0" x 12.3")
Weight: Net	20 kg / 44 lb
Operating temperature range	0°C - 40°C (32°F - 104°F)
Storage temperature range	-20°C - 60°C (-4°F - 140°F)

System Operation	
Recommended powering solution	NXAMP4X2MK2 Powered TDcontroller: up to 2 x P12 per channel
Optional powering solution	NXAMP4x1MK2 Powered TDcontroller (Bridged): up to 2 x P12 per channel NXAMP4x4MK2 Powered TDcontroller: up to 3 x P12 per channel



P10 cab in main (vertical) and wedge (horizontal) configurations

Measuring 384mm wide x 497mm high x 274mm deep and weighing 15Kg, the P10 can be deployed in vertical or horizontal (wedge monitor) configurations, with HF directivity set to match the specific application. Speakon connectors are located in the side-mounting handles and the back plate (Touring version only). The installation version has a 2 core cable for audio input to ensure IP54 protection index. The P10 is passive only.

P10 with NEXO processing	
Frequency Response (+6 dB)	63 Hz to 20 kHz
Peak SPL Level (1m)	136 dB Peak
Operating Voltage	50 Vrms (150 Vpeak)
HF Dispersion (according to horn)	100° x 100° (Default) - 110° x 60° (with 110° x 60° optionnal horn)
Crossover Frequency	63 Hz, 85 Hz
Nominal Impedance	8Ω

Product Features	
Components	1 x Coaxial Neodymium LF 10" 8 Ohms long excursion & HF 1.7" 8 Ohms
Number of ways	2 ways passive
Connectors (Touring version)	4 x NL4, 4 poles connectors (1 per handle + 2 at the back)
Connectors (Install version)	1 x Cable gland with 2 cores cable
Rigging points	1 x universal accessory fit on each side + 1 x on the bottom
Material	Custom made bent plywood of baltic birch and poplar
Finish	Black or White structural paint
Front Finish (Touring version)	Magnelis® steel front grille + back mesh
Front Finish (Install version)	UV resistant coustic fabric fitted front grill
Height x Width x Depth	497 mm x 384 mm x 274mm (19.6" x 15.2" x 10.8")
Weight: Net	15 kg (33 lbs)
Operating temperature range	0°C - 40 °C (32° F - 104° F)
Storage temperature range	-20 °C - 60 °C (-4 °F - 140° F)

System Operation	
Recommended powering solution	NXAMP4X1MK2 Powered TDcontroller: up to 1 x P10 per channel
Optional powering solution	DTDcontroller + DTDAMP4x1.3 : up to 1 x P10 per channel NXAMP4x2MK2 Powered TDcontroller: up to 2 x P10 per channel NXAMP4x4MK2 Powered TDcontroller: up to 3 x P10 per channel



L15 sub

Measuring 650mm wide x 430mm high x 550mm deep and weighing 35Kg, the L15 sub employs a 15" long excursion driver in Baltic birch / poplar plywood cabinet with threaded inserts for mounting accessories and an M20 stand fitting.

L15 with NEXO processing	
Frequency Response (+6 dB)	40 Hz - 120 Hz
Peak SPL Level (1m)	139 dB Peak
Operating Voltage	55Vrms (150Vpeak)
Crossover Frequency	85 Hz - 120 Hz
Nominal Impedance	4Ω

Product Features	
Components	1x 15" - 4 ohms - Long excursion - Neodymium driver
Material	Custom made bent plywood of baltic birch and poplar
Finish	Black or white structural paint
Front Finish	Steel front grille
Fittings	Handles on both sides Threaded inserts on both sides for connection of mounting accessories Stand fitting M20
Connector	2x NL4, 4 poles connectors
Weight	35 kg / 77 lb
Height x Width x Depth	430mm x 650mm x 550mm (16.9" x 25.5" x 21.6")



NEXO

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