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

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A powerful voice in a changing world

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, P12 and P15 loudspeakers employ custom 8, 10, 12 and 15-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 and P15 can be used in both Active and Passive modes.

The L15 and L18 subs are ideal partners for the P+ Series main cabinets, extending LF performance down to 40Hz and 32Hz respectively, while NEXO’s NXAMP MK2 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, P15 Main Cabinets
Dedicated L15 and L18 Subs
138dB Peak SPL (P12/Passive Mode)
Variable LF Directivity
Low-Profile Cabinets
Coaxial, Long-Excursion Drivers
Active/Passive Switching (P12 / P15)
Touring/Install Versions

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Variable HF Directivity

Optimise the dispersion for your application in just a few moments

P12 and P15 optional magnetic flanges

The dispersion characteristics of the P12 and P15 can be changed in seconds through the addition of optional magnetic flanges. The standard cabinets use a 60° x 60° horn with additional 90° x 40° and Asymmetrical (PS Type) 60° - 100° x 40° also available.

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.

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.

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.
Configure the perfect system

**Main Cabinets**

- **P8**: 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 directly set to match the specific application. P8 cabinets are available in touring, installation and hybrid TIS formats.

- **P10**: 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 directly set to match the specific application. P10 cabinets are available in touring, installation and hybrid TIS formats.

- **P12**: 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 directly set to match the specific application. P12 cabinets are available in touring, installation and hybrid TIS formats.

**Sub-bass Cabinets**

- **L15**: 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. Available in touring format only.

- **L18**: Measuring 680mm wide x 559mm high x 775mm deep and weighing 50Kg, the L18 sub employs a 18” long excursion driver in Baltic birch / poplar plywood cabinet with threaded inserts for mounting accessories and an M20 stand fitting. Available in touring format only.

**TOURING AND INSTALLATION VERSIONS**

P+ Series main cabinets are available in touring, installation or hybrid ‘TIS’ formats. The touring models feature rugged, quick-release steel grilles and handles with integrated 35mm pole mounts on both sides / ends of the cabinet. Speaker connectivity is replicated on the cabinet sides and rear panel, ensuring tidy wiring when used in either main or wedge monitor configurations.

Installation versions feature a fixed cloth-covered grille, universal rigging points on the sides and bottom of the cabinet and 2-core cable for audio input to ensure IP54 protection index. TIS versions feature touring handles and connectivity, with cloth-covered grilles. The L15 and L18 subs are available in touring format only.

**ACTIVE**

- **P8**: 129dB Peak SPL
- **P10**: 136dB Peak SPL
- **P12**: 139dB Peak SPL
- **L15**: 140dB Peak SPL
- **L18**: 138dB (passive) / 140dB (active) Peak SPL

**PASSIVE**

- **P8**: 139dB Peak SPL (passive) / 140dB (active) Peak SPL
- **P10**: 10-inch Bass/Mid Driver
- **P12**: 8-inch Bass/Mid Driver
- **L15**: 15-inch Bass Driver
- **L18**: 18-inch Bass Driver

**Passive/Active Modes**

- **P8**: 129dB Peak SPL (passive) / 139dB (active) Peak SPL
- **P10**: 136dB Peak SPL (passive) / 141dB (active) Peak SPL
- **P12**: 139dB Peak SPL (passive) / 141dB (active) Peak SPL
- **L15**: 140dB Peak SPL (active) / 139dB (passive) Peak SPL
- **L18**: 138dB (passive) / 140dB (active) Peak SPL

Install cabinets can be specified in any RAL colour.
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.

<table>
<thead>
<tr>
<th>DJ</th>
<th>Music</th>
<th>Events</th>
<th>Theatre</th>
<th>Public Spaces</th>
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- **Guitarist Monitor**: P15 wedge with ‘PS horn’ reversed
- **Drum Fill**: P12 wedge with standard horn on L15 sub
- **Small System**: 2 x P12 with standard horn
- **Small Theatre**: 2 x P10 with standard horn as FOH
- **Simple System**: 2 x P12 with standard horn
- **Large Theatre**: 2 x P12 with ‘PS horn’ for FOH + 4 x P8 with standard horn under balcony
- **Long Throw System**: 2 x P12 + 2 x P12 delayed – all with ‘PS horn’
- **Small Club**: 2 x P12 with ‘PS Horn’ for FOH, 1 x P12 with standard horn for monitor
- **Large Club**: 4 x P15 located in each corner of the room, with 2 x P12 as monitors – all standard horns
- **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
- **Leisure Park**: 9 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
- **Large Park**: 3 x P10 with 110° x 60° as a distributed system
**P8 Recommended Systems**

It’s easy to configure touring and fixed installation P8/L15 systems using DTD/DTDAMP and NXAMP4x2MK2 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 Subs:** 4 x P8 + 2 x L15 powered by NXAMP4X1
- **Distributed System:** 8 x P8 powered by NXAMP4X1
- **Compact, High-Power System:** 6 x P8 + 4 x L15 powered by NXAMP4X2

**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 NXAMP4X1 combines advanced signal processing with 4 x 1300 Watts amplification.
**Recommended Systems**

DTD/DTDAMP and NXAMP MK2 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
- **Distributed System**: 4 x P10 powered by NXAMP4X1 MK2
- **Compact, High-Powered System**: 4 x P10 + 4 x L15 powered by NXAMP4X2 MK2
- **Monitor System**: 1 x P10 Wedge on 1 x L15 Sub (Drum Fill) + 2 x P10 Wedges powered by NXAMP4X1 MK2

**NXAMP4X2MK2**

The perfect power and processing partner

With models rated at 4 x 1300 Watts, 4 x 2500 Watts and 4 x 4500 watts, NXAMP4x2 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.
Recommended Systems

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

- **Stereo System:** 1 x P12 (Passive) with pole stand on 2 x L15 Sub per side
- **Stereo System:** 1 x P12 (Passive) with pole stand on 1 x L18 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)

System configuration, management and remote control software

NEXO software applications make it easy to design, configure and implement P+ Series systems in mobile and fixed installations.

**NS-1**

Available to download free of charge, NS-1 is a powerful and intuitive system configuration and simulation tool enabling NEXO users to configure and optimise the performance of any NEXO system by predicting its behaviour in any venue to ensure uniform SPL coverage.

**NeMo**

NeMo System Management software delivers remote control of a NEXO DTD/DTDAMP or NXAMP4X2-powered system from a macOS or iOS device. Managing and positioning devices, monitoring their parameters (levels, etc.), and setting new values (preset, volume, delay, EQ, etc.) are all made possible via an attractive and intuitive user interface. NeMo also includes a powerful engine for logging and alerting.

**ProVisionaire**

NXAMP4X2-powered P+ systems can also be controlled directly from Yamaha digital mixing consoles and are included in Yamaha’s ProVisionaire control and monitoring software for installed systems.
**Recommended Systems**

**NXAMP4X2MK2** delivers the perfect power and processing solution for P15/L18 systems in a variety of configurations.

**Stereo System**: 1 x P15 (Passive) with pole stand on 1 x L18 Sub per side, powered by 1 x NXAMP4X2MK2

**Distributed System**: 8 x P15 (Active), powered by 1 x NXAMP4X4MK2

**Active System**: Stereo, 1 x P15 (Active) per side, powered by 1 x NXAMP4X2MK2

**Monitor System**: P15 wedge on 1 x L18 (Drum Fill) + 2 x P15 wedges, powered by 1 x NXAMP4X2MK2

**Mid-Sized FOH System**: (Per side) 1 x P15 (Active) on 2 x L18 Subs on 1 x L18 Sub (Cardioid Mode), powered by 2 x NXAMP4X4MK2

**P12 / P15 active and passive modes**

Touring and TIS versions of the P12 and P15 cabinets incorporate an Active/Passive switch. In Passive mode, a passive circuit filters a single channel of amplification appropriately for the high and low frequency drivers. In active mode, an active crossover filters two independent amplification channels, resulting in even higher SPL performance of 140dB and 141dB respectively for the P12 and P15, along with reduced distortion and enhanced dispersion around the crossover frequencies.
P+ Series Mounting Accessories

**Horizontal Mount**

- **Truss Clamp**
  - For P8: PNI-WA008
  - For P10: PNI-WA010
  - For P12: PNI-WA012
  - For P15: PNI-WA015

- **Wall Mount**
  - For P8, P10: PNI-WMA08
  - For P10, P12, P15: PNI-WGADAPT

- **Ceiling Mount**
  - For P8, P10, P12, P15: PNI-CLADAPT

- **Pole Stand**
  - For P8, P10, P12, P15: PNI-PLADAPT

**Vertical Mount**

- **Truss Clamp**

**Can be used with:**

**Bumper Mount**

- **Adapter + Truss Clamp**
  - For P8, P10, P12, P15: PNI-WA008

- **Adapter + Wall Mount**
  - For P8, P10, P12, P15: PNI-WMA08

**L15 and L18 Mounting Accessories**

**Horizontal Mount**

- **Truss Clamp**

**Can be used with:**

**L15 and L18 Mounting Accessories**

- **Wall Mount**
  - For P8, P10: PNI-WMA08
  - For P10, P12, P15: PNI-WMA10

- **Ceiling Mount**
  - For P8, P10, P12, P15: PNI-CLADAPT

- **Pole Stand**
  - For P8, P10, P12, P15: PNI-PLADAPT

*PNI-WM wall mountings are cross-compatible across all P+ cabinets. See dedicated documentation for maximum angle for specific PNI-WM / P+ cabinet pairings.
A powerful, full range cluster that saves available floor space

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.
Optional Magnetic Horns and Flanges

P8 Optional Magnetic Horns
By default, the P8 also uses a 100° x 100° horn. The dispersion characteristics can be changed by adding an optional, rotatable 110° x 60° horn.

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

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.

P15 Optional Magnetic Flanges
The dispersion characteristics of the P15 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.
Flight Cases and Covers

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

P15 cab in main (vertical) and wedge (horizontal) configurations

- 150°x100° (Default) - 110°x60° (with 110°x60° optional flare)
- 497 mm x 384 mm x 274mm (19.6" x 15.2" x 10.8"
- 400 to 630 Watts / 8 Ohms
- 1 x Coaxial LF 8" 8 Ohms long excursion
- 1 x Coaxial Neodymium HF 1.5" 8 Ohms
- 57 Hz to 20 kHz
- 136 dB Peak

L15

- 150°x150° (Default) - 110°x60° (with 110°x60° optional flare)
- 559 mm x 680mm x 775 mm (22.0" x 26.8" x 30.5"
- 50 kg (110 lbs)
- 490 Hz to 12 kHz (2+1 40 Hz - 120 Hz: 2+1 40 Hz – 40 Hz)
- 60°x60° (Default) - 90°x40° (with 90x40 flange) - 60°x60° (Default) - 90°x40° (with 90x40 flange)

L18

- 150°x150° (Default) - 110°x60° (with 110°x60° optional flare)
- 534mm x 432mm x 314mm (21.0" x 17.0" x 12.3"
- 35 kg (77 lbs)
- 490 Hz to 12 kHz (2+1 40 Hz - 120 Hz: 2+1 40 Hz – 40 Hz)
- 60°x60° (Default) - 90°x40° (with 90x40 flange) - 60°x60° (Default) - 90°x40° (with 90x40 flange)

Specifications

NXAMP4x4MK2 Powered TDcontroller: up to 4 x P12 per channel
NXAMP4x2MK2 Powered TDcontroller (Bridged): up to 2 x P12 per channel
NXAMP4x1MK2 Powered TDcontroller: 1xL15 per channel
NXAMP4x1MK2 Powered TDcontroller: up to 2xL15 per channel
NXAMP4x1MK2 Powered TDcontroller: up to 2xL15 per channel
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NXAMP4x1MK2 Powered TDcontroller: 1xL15 per channel
NXAMP4x1MK2 Powered TDcontroller: up to 2xL15 per channel
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