Compact Sound Reinforcement System

Corporate & Public Spaces
Theatres
Bars & Restaurants
Houses of Worship

nexo-sa.com
Thinking. Inside the box.
When it comes to creating the perfect immersive audio experience, directivity control is key to the superior performance of NEXO’s compact ID Series speakers.

With a heritage in developing high-performance point source speakers and a history of pioneering and patenting groundbreaking developments in loudspeaker design, NEXO now focuses its expertise on a range of compact and super-compact loudspeakers designed to create a thrilling and immersive audio experience in even the most complex environments.

Achieving uniform audience coverage in complicated spaces is a familiar challenge, so NEXO makes flexible HF directivity options central to the design of the ID Series, equipping system designers and installers with the tools they need to set new performance standards while imposing a minimal visual impact on the interior design.

The ID14 employs a custom-designed coaxial driver with a 1.3" voice coil for the 4" LF component and a 1.4" diaphragm for the HF motor, delivering smooth, clean sound and impressive power. To ensure maximum versatility, the ID14 can be specified with either 100° x 100° or 90° x 140° HF dispersion.

The larger ID24 uses twin 4" drivers in a unique V-formation, and features an ingenious mechanism which enables the user to tune HF horizontal dispersion to match the application.

**ID24 directivity can be changed in seconds**

A unique user-rotatable horn lets ID24 users quickly select between two preset directivity options. A selection of horns can be specified for HF dispersion angles including 60° x 60°, 90° x 40°, 120° x 40° and 120° x 60°.

ID24 is available in 100° x 100° horn or 90° x 140° asymmetric dispersion versions.
Speakers a la carte

Fixed installation or mobile connectivity. Black, white or custom RAL colours. ID Series makes it easy to spec the right speakers for the application.

The ID Series makes a powerful sonic statement through the combination of rich, full range sound and uniform venue coverage. But visually, it’s all about keeping a much lower profile.

Touring versions of the ID14 and ID24 feature Magnelis steel grilles and are available in black, white or custom RAL colours. Installation versions use an acoustic cloth over the front of the grilles and are also available in black, white or custom RAL colours. In addition, an ‘A la carte’ version of the ID24 enables system designers to specify cabinet colours so speakers blend into their surroundings, and to choose from a range of rotatable horns for additional directivity options.

Connectivity on the touring versions is via two Speakon connectors on the rear plate, while Installation versions use a cable gland with a 2 core cable for audio input, ensuring IP55 protection.

ID Series Subs

Complementing the ID Series speakers are three compact, powerful subs, all available in install and touring versions.

With a low-profile, sleek design, IDS110 and IDS210 subs are easily installed discreetly in a wide range of locations - within walls, staircases, under furniture and more. The IDS108 is the perfect partner for the ID14, creating a compact and powerful 3-way full-range system.
Comprehensive rigging solutions

ID Series installation and touring versions feature an appropriate range of M6 and M10 threaded inserts to facilitate a wide range of mounting options.

**ID14 Wall mounting**
M6 inserts with a 73 mm pitch are ready to receive NEXO wall mounting accessories (see page 11).

**ID14 Pole-mounting**
The ID14 can be pole-mounted on the IDS108 sub for mobile applications.

**ID14 Sub mounting**
The ID14 can also be mounted directly onto the IDS108 sub.

**ID14 Mic stand mounting**
A threaded M10 on each side of the ID14 enables mounting on a microphone stand.

**ID14 Stage front-fill**
Use ID14 to ‘beam’ sound into the first rows of the audience from the stage, ensuring total coverage and the best listening experience throughout a venue.

**ID14 Bracket-mounting**
U-Bracket can be used to mount ID14 to a variety of structures and surfaces.

**ID24 Horizontal mounting**
Compact and powerful, ID speakers and subs are ideal for discreet horizontal placement, bracketed to walls or ceilings.

**ID24 Vertical mounting**
With innovative V formation drivers, ID24 is equally at home whether mounted horizontally or vertically.

**ID24 Under-balcony**
Ideal for theatre applications, ID24 units can be used under balconies to reach the audience areas that the main system does not cover.

**ID24 Stage front-fill**
Use ID24 to ‘beam’ sound into the first rows of the audience from the stage, ensuring total coverage and the best listening experience throughout a venue.

**ID24 Pole-mounting**
For touring applications, ID24 can be quickly and easily pole-mounted using the optional IDT-TVP mounting bracket.

**ID24 Flown and wedge**
For live sound applications, ID24 is a single box solution that can be flown or even used as a wedge thanks to its innovative angled design.
Plug & Play Power and Processing

A choice of compact, cost-effective 4-channel amplification and processing solutions feature phase-coherent presets for all directivity versions of all ID Series speakers.

With DSP presets for all directivity versions of ID Series cabinets and subs, NEXO powered controllers make it easy for designers to create the perfect system, either from the ID Series exclusively or by combining cabinets from different ranges to perform specific functions; e.g. powering a main system along with under-balcony fills or installations of speakers in different venue zones.

NXAMP MK2

The result of a close collaboration between NEXO and Yamaha and available in 4 x 1300 Watts, 4 x 2500 Watts and 4 x 4500 versions, NXAMP MK2 is the perfect, light-weight, ‘Plug & Play’ power and control solution for larger NEXO loudspeaker systems. Achieving significant advances in sound quality over previous generation NXAMPS, the NXAMP MK2 features 4 x ultra-low distortion Class D amplifiers and PFC (Power Factor Correction) technology, with all essential parameters accessible via a large colour touchscreen on the front panel.

A native dual Ethernet card facilitates remote control and daisy-chaining of amplifiers and seamless integration with NEXO’s NeMo amplifier management software, with optional Dante, EtherSound and AES network cards also available. NXAMP MK2 can also be controlled directly from Yamaha digital mixing consoles and is included in Yamaha’s ProVisionaire control and monitoring software for installed systems.

DTD/DTDAMP

Ideal for powering fixed installations of NEXO ID Series systems, the 4-channel, 1U rack-mounting DTDAMP is available in two versions: 4 x 700 Watts and 4 x 1300 Watts. The DTDAMP partners perfectly with NEXO’s DTD Controller to create a compact, light-weight, intelligent powering and control solution that’s easy to configure and operate.

Available in touring and installation versions, the DTD Controller can also be used with third party amplifiers and is particularly useful where the system may be used by multiple operators with limited technical knowledge.

**DTD-T touring version**

The DTD-T touring version features analog input and output connectors on the front panel, removing the need for an additional patch panel.

**DTD-I install version**

With all connectors except mini-USB located on the back panel, the DTD-I install version is set up from a Mac/PC computer.
ID14 compact full-range speaker

130mm wide, 130mm high and 130mm front to back, the ID14 is a supercompact full range speaker using a single coaxial 4 inch driver with a 1.4 inch Neodymium HF. Available in touring and installation versions, the ID14 can be specified with 100° x 100° or 90° x 120° HF dispersion.

ID24 compact full-range speaker

305mm wide, 123mm high and 233mm front to back, the ID24 is a compact full range speaker using Helm 4 inch drivers in a V formation plus an HF compression driver with rotatable horn. The horn can be rotated easily without the need for tools by a ‘screw head’ on the rear panel to give 120° x 40° or 40° x 120° HF coverage with the standard horn fitted. This increases the flexibility of the cabinet by allowing the HF horizontal dispersion to be ‘tuned’ for the given application – installed or touring.

Specifications

- **ID24 with NEXO Power Controller**
  - Frequency Range: 40 Hz - 20 kHz
  - Sensitivity (1W@1m): 94 dB
  - Program Power: 700 W
  - Available Frequencies: 1 overlap, 2 poles
  - Power Output: 500W
  - Nominal Impedance: 2 ohm
  - Recommended Power: 200 to 500W

- **ID14 with NEXO Power Controller**
  - Frequency Range: 65 Hz - 20 kHz
  - Sensitivity (1W@1m): 97 dB
  - Program Power: 200 W
  - Available Frequencies: 1 overlay, 2 poles
  - Power Output: 100W
  - Nominal Impedance: 4 ohm
  - Recommended Power: 80 to 200W

- **ID24i, ID24t, ID24c**
  - Recommended Power: 200 to 500W
  - Peak SPL Level (1m): 126 dB
  - Frequency Range: 95 Hz – 20 kHz (+/- 6dB)

IDS108, IDS110 and IDS210 with NEXO Power Controller setup

- **IDS108**, **IDS110** and **IDS210 subs**
  - Frequency Range: 25 Hz - 1500 Hz
  - Sensitivity (1W@1m): 94 dB
  - Program Power: 350 W
  - Available Crossover Frequencies: 120 Hz, 150 Hz
  - Nominal Impedance: 2 ohm
  - Recommended Power: 200 to 300W

- **IDS108, IDS110 and IDS210**
  - Frequency Range: 50 Hz - 1500 Hz
  - Sensitivity (1W@1m): 94 dB
  - Program Power: 150 W
  - Available Crossover Frequencies: 120 Hz, 150 Hz
  - Nominal Impedance: 2 ohm
  - Recommended Power: 100 to 150W

- **IDS108**, **IDS110** and **IDS210**
  - Frequency Range: 30 Hz - 1500 Hz
  - Sensitivity (1W@1m): 94 dB
  - Program Power: 75 W
  - Available Crossover Frequencies: 120 Hz, 150 Hz
  - Nominal Impedance: 8 ohm
  - Recommended Power: 50 to 100W

Product Features

- **Component**: 1x8” LF, 1x1” HF (2way passive)
- **Cabinet**: 309mm wide, 132mm high and 233mm front to back, the ID24 is a compact full-range speaker.
- **Material**: Water-resistant polyurethane
- **Finish**: White, Black, Black or white laminate
- **HF**: 1” voice coil ½” throat – Neodymium magnet
- **Weight**: 1.7 kg (3.7 lbs)
- **Height x Width x Depth**: 130 mm x 130 mm x 120 mm (5.1” x 5.1” x 4.7”)

System Operation

- **Nominal Impedance**: 200 to 500W / 800W to 1300W / 350 to 550 Watts / 8 Ohms
- **Recommended Power**: 200 to 500W

Architectural and engineering specifications are available at www.nexo.sa.com

Touring and Installation Accessories

- **IDS108**, **IDS110** and **IDS210**
  - **IDS108**: 25-38mm
  - **IDS110**: 30-50mm
  - **IDS210**: 40-50mm

- **IDS108**, **IDS110** and **IDS210**
  - **IDS108**: 1x8”
  - **IDS110**: 1x10”
  - **IDS210**: 1x12”

- **IDS108**, **IDS110** and **IDS210**
  - **IDS108**: 1x10”
  - **IDS110**: 1x12”
  - **IDS210**: 1x12”

- **IDS108**, **IDS110** and **IDS210**
  - **IDS108**: 1x10”
  - **IDS110**: 1x12”
  - **IDS210**: 1x12”

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