Sub Bass
Extending the versatility of GEO S12 and PS Systems

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Thinking. Inside the box.

NEXO
Clever cabinet design empowers the LS18 sub bass module to bring new levels of versatility to NEXO GEO S12 and PS Series systems.

Suddenly it's easy to create compact and powerful line arrays in fixed installations, while mobile options range from simple pole-mount systems to potent groundstacks – all quick and easy to configure, exploiting the wide range of NEXO rigging accessories.

Available in two versions, the standard LS18 features a steel pole mount on the top of the cabinet and plates on the side, compatible with GEO S12 and PS Series rigging hardware. The LS18e is a stripped-down version, dispensing with rigging plates, handles and pole mount to deliver an exceptional price/performance ratio in standalone applications.
With pole-mounted cabinets
A robust steel fitting on top of the LS18 makes it quick and easy to pole-mount a PS15 cabinet, creating a powerful full-range system for mobile applications. A PS15 cabinet can also be mounted directly on top of the LS18 to provide a powerful drum monitor system.

In a groundstack
Identical in width to the height of a GEO S12 cabinet, the LS18 is compatible with GEO S12 rigging hardware, making it quick and easy to configure the appropriate scale of groundstack for any venue.

Flown in a line array
Flown above a series of GEO S12 cabinets, LS18 anchors a discreet and powerful line array that’s perfect for applications in which a clear stage is required, such as houses of worship. A single PS15 cabinet flown beneath an LS18 is an ideal compact and low-profile solution for fixed installations in clubs with a low ceiling height.

The precise ratio of LS18 subs to line array modules will vary depending on applications.

1 sub. Many applications.
Specifications and Technical Data

**LS18 with NXAMP TD Controller**
- **Frequency Response (a)**: 35 Hz - 120 Hz ±3dB
- **Sensible Range**: 38-66dB (a)
- **Sensitivity**: 1W @ 1m (b)
- **Nominal Peak SPL @ 1m (b)**: 137 to 140 dB Peak
- **Nominal Impedance**: 8Ω
- **Crossover Frequencies**: 60 Hz – 85 Hz - 120 Hz Active

**Architects’ Specifications**

**LS18 Accessories**

**Dimensions**

**Architects’ Specifications**

The sub-bass loudspeaker system shall have one 18in, 4" voice coil long excursion transducer. Nominal Sensitivity shall be 97dB. When driven by a NXAMP 4x1 (2 x LS18 in parallel on 2 bridged channels), or NXAMP 4x4 (2 x LS18 on 1 channel), the system shall be capable of 107dB to 140dB peak SPL, with a frequency response of 35Hz to 120kHz ±3dB (32Hz to 130kHz -6dB). The system shall include an active crossover. Electrical connections shall be made via one of the two 4-pole NL4MP SPEAKON connectors.

**Components**
- 1 x 18" (46cm) 4" voice coil long excursion 8Ω driver

**Height x Width x Depth**: 570 x 675 x 775 mm (20.1" x 26.1" x 30.5")

**Weight (LS18)**: Net 55.5 kg (122.3 lbs)

**Connectors**: 2 x NL4MP Speakon 4 pole

**Construction**: Baltic Birch Ply & structured black coating. Also available in white and custom paint finishes.

**Fittings**:
- **Handles**: 4 metal recessed pockets (2 per side)
- **Front finish**: Moulded Dark Grey Metal Grill
- **Flying Points**: Two side plates connecting with external accessories
- **Stand fittings**: Internal Steel Stand Fitting on Top (35mm, 13/8") allows pole mounting for PS15 or Geo S12

* Applies to LS18 only. There are no fittings or handles on the LS18e.

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

[a] Response curves & data: Half-Space Anechoic radiation for the LS18 + NXAMP.
[b] Sensitivity & Peak SPL data: these will depend on spectral distribution and crest factor of program material. Measured with band limited Pink Noise, Wideband to the specified ±3dB range. Data are for speaker + processor + recommended amplifier combinations. Peak SPL is at clipping of recommended amplifier.
[c] Directivity curves & data: obtained by computer treatment on off axis response curves.

E&OE January 2014