

A&E SPECIFICATIONS

GEO S12 – GEO S12-ST



GEO S1210 & S1230

The line array module shall be a 2-way full-range system operating in a Baltic birch cabinet. It shall have one high excursion 12"x3" Neodymium LF driver. Its performances are modified by a patented structure known as Phase Directivity Device, PDD™; the net effect of this structure reduces the acoustic spacing of each 12" by nearly half; in a word the PDD shall be a waveguide for the LF component. The HF driver, mounted on a hyperboloid reflective wave-source (HRW™) shall have a 3" Titanium diaphragm and a 1.4" exit.

Vertical dispersion shall be 10° for the "10" module and 28.5° for the "30" module. Horizontal dispersion shall be either 80° or 120° with the addition of a flange kit for both modules.

The cabinet dimensions shall be 344 mm H x 675 mm W x 378 mm D (13.5" H x 26.5" W x 14.87" D) for the "10" module and 344 mm H x 675 mm W x 400 mm D (13.5" H x 26.5" W x 15.5" D) for the "30" module, excluding external rigging hardware in both cases. Cabinet weight shall be 28.05 kg (61.8 lbs) for the "10" module and 26.8 kg (59.1lbs) for the "30" module. Both modules shall be available in any RAL color paint.

Frequency response shall be 53Hz – 19kHz +/-3dB and 50Hz – 20kHz at -6dB. The 1W/1m sensitivity shall be 103dB SPL. Max output is configuration dependent on the number of cabinets in the line and their inter-box angles. The system shall have an internal passive or active crossover with a crossover point of 1.1kHz. The nominal impedance shall be 16 ohms in passive mode, each component shall be 16 ohms in active mode.

The connector panel shall include 2 NL4 4-pole SPEAKON's, wired so that output is present on pins 2+/2-; the other pair shall pass through to sub-bass models via pins 1+/1- in passive mode; LF output shall be present on pins 1+/1- and HF shall be present on pins 2+/2- in active mode. Both NL4's shall be wired in parallel to each other.

The inter-box angles on the external rigging shall be logarithmic in progression with angles at 0.2°, 0.5°, 0.8°, 1.25°, 2°, 3.15°, 5°, 6.25°, 8°, 10°, 16°, 22.5° and 30°.

The line array module shall be the NEXO GEO S1210 or GEO S1230.

GEO S1210-ST & S1230-ST

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Frequency response shall be 53Hz – 19kHz +/-3dB and 50Hz – 20kHz at -6dB. The 1W/1m sensitivity shall be 105dB SPL. Max output is configuration dependent on the number of cabinets in the line and their inter-box angles. The system shall have an internal passive or active crossover with a crossover point of 1.1kHz. The nominal impedance shall be 16 ohms in passive mode, each component shall be 16 ohms in active mode.

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The line array module shall be the NEXO GEO S1210-ST or GEO S1230-ST.

NEXO S.A.

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The logo for NEXO, featuring the word "NEXO" in a bold, black, sans-serif font. The letter 'X' is stylized with a diagonal slash through it.