

A&E SPECIFICATIONS

Alpha+



M210

The loudspeaker shall be a two-way main module operating in a Baltic birch and poplar cabinet. It shall have two 10"x3" Neodymium high efficiency horn loaded MF drivers and four 3" Neodymium HF compression drivers with a 1.4" exit mounted on an innovative articulated waveguide.

Default horizontal dispersion shall be asymmetrical and continuously evolving with 120° in the lower part and 60° in the upper part of the loudspeaker. User shall be able to modify the horizontal dispersion to an asymmetrical 120°-90° or to 60° with the addition of a flange kit. Vertical coverage shall be +0°/-20° in narrow mode or +20°/-20° in wide mode. The vertical mode shall be selected by using a quick system at the top of the loudspeaker.

The cabinet dimensions shall be 598 mm H x 755 mm W x 632 mm D (23.5" H x 29.7" W x 24.9" D) and it shall weigh 53 kg (17 lbs). The cabinet shall be available in black paint.

Frequency response shall be 160Hz - 20kHz at -6dB. The peak output shall reach up to 148dB at 1 meter. The crossover frequency of the system shall be optimized with a proprietary software with a 500Hz to 1500Hz overlap. The nominal impedance of each component shall be 4 ohms.

The connector panel shall include 2 NL4 4-pole SPEAKON's, wired so that MF output is present on pins 1+/1- and HF output is present on pins 2+/2-. Both NL4's shall be wired in parallel to each other.

The main module shall be the NEXO M210.

B218

The bass module shall be a horn loaded design operating in a Baltic birch cabinet. It shall have two 18"x4" Neodymium drivers.

The cabinet dimensions shall be 594 mm H x 755 mm W x 905 mm D (23.4" H x 29.7" W x 35.6" D) and it shall weigh 77 kg (170 lbs). The cabinet shall be available in black paint.

Frequency response shall be 75Hz - 160Hz at -6dB. The peak output shall reach up to 146dB at 1 meter. The nominal impedance shall be 4 ohms.

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 subwoofer models via pins 1+/1-. Both NL4's shall be wired in parallel to each other.

The bass module shall be the NEXO B218.

L20

The subwoofer shall be a band pass tuned design operating in a Baltic birch and poplar cabinet. It shall have one long excursion 20"x4.5" Neodymium driver.

The cabinet dimensions shall be 594 mm H x 755 mm W x 905 mm D (23.4" H x 29.7" W x 35.6" D) and it shall weigh 59 kg (130 lbs). The cabinet shall be available in any RAL color paint.

Frequency response shall be 28Hz - 120Hz at -6dB. The peak output shall reach up to 141dB at 1 meter. The nominal impedance shall be 4 ohms.

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

The subwoofer shall be the NEXO L20.

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