

# A&E SPECIFICATIONS

## P+ Series



## **P8**

The loudspeaker shall be a 2-way full-range system operating in a Baltic birch and poplar cabinet. It shall have one coaxial long excursion 8"x2.5" LF driver and 1.5" Polyimide annular diaphragm HF driver with a 1" exit mounted on a low distortion, constant directivity dispersion horn.

Default horizontal and vertical dispersions shall be 100°. User shall be able to modify these dispersions by fitting an optional 110° x 60° horn. Users shall be able to rotate the optional horn in 4 directions, in 90° increments, as required by the application.

The cabinet dimensions shall be 423 mm H x 276 mm W x 250 mm D (16.7" H x 10.9" W x 9.8" D), and it shall weigh 12 kg (26.5 lbs). The cabinet shall be available in any RAL color paint.

Frequency response shall be 66Hz – 20kHz at -6dB. The peak output shall reach up to 129dB. The system shall have an internal passive crossover with a crossover point of 1.6kHz. The nominal impedance shall be 8 ohms.

The speaker shall include 4 NL4 4-pole SPEAKON's, one per handle and two at the back, wired so that output is present on pins 2+/2-; the other pair shall pass through to sub-bass models via pins 1+/1-. All NL4's shall be wired in parallel to each other.

The full-range system shall be the NEXO P8.

## **P8-I**

The loudspeaker shall be a 2-way full-range system operating in a Baltic birch and poplar cabinet. It shall have one coaxial long excursion 8"x2.5" LF driver and 1.5" Polyimide annular diaphragm HF driver with a 1" exit mounted on a low distortion, constant directivity dispersion horn.

Default horizontal and vertical dispersions shall be 100°. User shall be able to modify these dispersions by fitting an optional 110° x 60° horn. Users shall be able to rotate the optional horn in 4 directions, in 90° increments, as required by the application.

The cabinet dimensions shall be 423 mm H x 276 mm W x 250 mm D (16.7" H x 10.9" W x 9.8" D), and it shall weigh 12 kg (26.5 lbs). The cabinet shall be available in any RAL color paint.

Frequency response shall be 66Hz – 20kHz at -6dB. The peak output shall reach up to 129dB. The system shall have an internal passive crossover with a crossover point of 1.6kHz. The nominal impedance shall be 8 ohms.

The connector panel shall include one captive cable.

The full-range system shall be the NEXO P8-I.

## **P10**

The loudspeaker shall be a 2-way full-range system operating in a Baltic birch and poplar cabinet. It shall have one coaxial long excursion 10"x2.5" Neodymium LF driver and 1.7" Polyimide dome diaphragm HF driver with a 1" exit mounted on a low distortion, constant directivity dispersion horn.

Default horizontal and vertical dispersions shall be 100°. User shall be able to modify these dispersions by fitting an optional 110° x 60° horn. Users shall be able to rotate the optional horn in 4 directions, in 90° increments, as required by the application.

The cabinet dimensions shall be 497 mm H x 384 mm W x 274 mm D (19.6" H x 15.2" W x 10.8" D), and it shall weigh 15 kg (33 lbs). The cabinet shall be available in any RAL color paint.

Frequency response shall be 63Hz – 20kHz at -6dB. The peak output shall reach up to 136dB. The system shall have an internal passive crossover with a crossover point of 1.5kHz. The nominal impedance shall be 8 ohms.

The speaker shall include 4 NL4 4-pole SPEAKON's, one per handle and two at the back, wired so that output is present on pins 2+/2-; the other pair shall pass through to sub-bass models via pins 1+/1-. All NL4's shall be wired in parallel to each other.

The full-range system shall be the NEXO P10.

## **P10-I**

The loudspeaker shall be a 2-way full-range system operating in a Baltic birch and poplar cabinet. It shall have one coaxial long excursion 10"x2.5" Neodymium LF driver and 1.7" Polyimide dome diaphragm HF driver with a 1" exit mounted on a low distortion, constant directivity dispersion horn.

Default horizontal and vertical dispersions shall be 100°. User shall be able to modify these dispersions by fitting an optional 110° x 60° horn. Users shall be able to rotate the optional horn in 4 directions, in 90° increments, as required by the application.

The cabinet dimensions shall be 497 mm H x 384 mm W x 274 mm D (19.6" H x 15.2" W x 10.8" D), and it shall weigh 15 kg (33 lbs). The cabinet shall be available in any RAL color paint.

Frequency response shall be 63Hz – 20kHz at -6dB. The peak output shall reach up to 136dB. The system shall have an internal passive crossover with a crossover point of 1.5kHz. The nominal impedance shall be 8 ohms.

The connector panel shall include one captive cable.

The full-range system shall be the NEXO P10-I.

## **P12**

The loudspeaker shall be a 2-way full-range system operating in a Baltic birch and poplar cabinet. It shall have one coaxial long excursion 12"x3.5" Neodymium LF driver and 3" Titanium diaphragm HF driver with a 1.4" exit mounted on a low distortion, constant directivity dispersion horn.

Default horizontal and vertical dispersions shall be 60°. User shall be able to modify these dispersions by adding either a 90° by 40° magnetic flange or an asymmetrical magnetic flange whose vertical dispersion shall range from 60° to 100° and horizontal dispersion shall be +20°/-20°. Users shall be able to rotate the additional flanges in 4 directions, in 90° increments, as required by the application.

The cabinet dimensions shall be 534 mm H x 432 mm W x 314 mm D (21" H x 17" W x 12.3" D), and it shall weigh 20 kg (44 lbs). The cabinet shall be available in any RAL color paint.

Frequency response shall be 60Hz – 20kHz at -6dB. The peak output shall reach up to 138dB for the passive mode and 140dB for the active mode. The system shall have an internal passive or active crossover with a crossover point of 1.5kHz. The nominal impedance shall be 8 ohms in passive mode, each component shall be 8 ohms in active mode. The choice between active and passive mode shall be made by means of a switch, without any tools.

The speaker shall include 4 NL4 4-pole SPEAKON's, one per handle and two at the back, 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. All NL4's shall be wired in parallel to each other.

The full-range system shall be the NEXO P12.

## **P12-I**

The loudspeaker shall be a 2-way full-range system operating in a Baltic birch and poplar cabinet. It shall have one coaxial long excursion 12"x3.5" Neodymium LF driver and 3" Titanium diaphragm HF driver with a 1.4" exit mounted on a low distortion, constant directivity dispersion horn.

Default horizontal and vertical dispersions shall be 60°. User shall be able to modify these dispersions by adding either a 90° by 40° magnetic flange or an asymmetrical magnetic flange whose horizontal dispersion shall range from 60° to 100° and horizontal dispersion shall be +20°/-20°. Users shall be able to rotate the additional flanges in 4 directions, in 90° increments, as required by the application.

The cabinet dimensions shall be 534 mm H x 432 mm W x 314 mm D (21" H x 17" W x 12.3" D), and it shall weigh 20 kg (44 lbs). The cabinet shall be available in any RAL color paint.

Frequency response shall be 60Hz – 20kHz at -6dB. The peak output shall reach up to 138dB. The system shall have an internal passive crossover with a crossover point of 1.5kHz. The nominal impedance shall be 8 ohms.

The connector panel shall include one captive cable.

The full-range system shall be the NEXO P12-I.

## **L15**

The subwoofer shall be a band pass tuned design operating in a Baltic birch and poplar cabinet. It shall have one long excursion 15"x4" Neodymium driver.

The cabinet dimensions shall be 439 mm H x 550 mm W x 650 mm D (17.3" H x 21.7" W x 25.6" D) and it shall weigh 35 kg (77 lbs). The cabinet shall be available in any RAL color paint.

Frequency response shall be 40Hz – 110Hz at -6dB. The peak output shall reach up to 139dB. 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 L15.

**NEXO S.A.**

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