LOUDSPEAKERS

NEXO P15 LOUDSPEAKER



NEXO has always been well-known for its compact and very powerful versatile point source speakers, ideal in both FOH and wedge application. This expertise is now applied to the P15, featuring a new extremely powerful coaxial 15” speaker and lots of innovation, making the P15 unique in its category.

The P15 is built around a 15 mm custom-made bent plywood shell, with poplar veneer for the inside layers and birch on the outside. The result is a robust enclosure with exceptionally good sound quality and light weight. The bass-reflex tuning is done through two computer optimized shaped port which guarantee ultra-low distortion even at very high level. Two large comfortable handles on each side hold a 35 mm pole stand adapter and a Speakon connector for discrete connection when on pole stand or in wedge monitor mode. The back plate holds two other Speakon connectors and a recessed switch to change the cabinet from 2-way

passive to 2-way active. The internal passive filter is encapsulated in a certified resin to protect components from vibration and dust, ensuring an extra-long life. The custom-designed common neodymium magnet coaxial driver with a 3.5” voice coil for the LF driver and a 3” diaphragm for the HF motor is the heart of the P15 and responsible both for its smooth, clean sound and enormous power.

Thanks to its fully symmetric design, there is no left or right version of the P15 and all speakers in inventory can be the same. To match even more precisely every possible application the directivity of the P15 can be changed in seconds through the addition of an optional magnetic flanges. As standard, the P15 uses a 60°x60° horn, but the front steel grille can be quickly removed without tools and the optional rotatable 90°x40° or Asymmetrical (”PStype”) magnetic flange can be added to change the dispersion characteristics of the P15.

For each optional flange a dedicated setup is available on the NXAMP powered controller to
ensure perfect coverage at any frequency. The results are even better in Active mode, where the crossover frequency can be adapted to offer the best coverage. P15 acoustic phase response is NEXO phase signature allowing inter-operability between all NEXO speakers at all cross-over points, except for the monitor setups where latency is minimized.





Features:

- Compact, low-profile, curvilinear enclosure
- 15” LF Neodymium driver and 3” diaphragm HF driver in a coaxial configuration
- Variable HF directivity
- Switchable Active/Passive modes
- 141dB peak SPL (Active Mode)
- Frequency Response (-6dB) 57 Hz – 20 kHz
- Threaded inserts on the back and on both sides for connection of mounting accessories
- Stand fitting on both sides
- 4x NL4, 4 poles connectors; 2 on the back and 1 on both sides

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