



High Power Meets Low Distortion

DAYTON, OH (April 24, 2018) – Dayton Audio announces the release of their new NEO Series Pro woofers, which are designed to deliver reliable low frequency operation with extreme output capability and minimal power compression.

Lightweight, Powerful Motor Assembly

These NEO Series Pro woofers feature a 4" inside-outside wound voice coil, powerful neodymium motor, distortion reducing copper pole cap, great excursion capability and high power handling. The neodymium motor assembly has been FEA optimized to provide a combination of low distortion and high efficiency. With the large neodymium magnet mounted inside the voice coil nearly all of the magnetic strength is concentrated into the magnetic gap providing up to 40% better utilization than conventional motor designs.

Thanks to the lightweight motor assembly, the NEOs are 30% lighter than a comparable ferrite driver making them perfect for mobile DJs and portable PA systems. They are also ideal for any high output 2-way and 3-way speaker systems, bass bins, or horn loaded designs.

Rugged Construction and Suspension

To stand up to the use and abuse of the professional sound environment, Dayton Audio made sure these woofers can take a beating. The cast aluminum frame uses eight wide spokes to firmly support the motor assembly, and the thick mounting flange is reinforced to create an incredibly solid mounting surface. The cone, constructed of thick paper for a natural response, includes glass fiber reinforcement and uses a ribbed design offering additional structural support. Supporting the cone is a heavy spider with integrated silver tinsel leads and triple roll treated cloth surround, both designed for high excursion applications allowing the driver to handle short bursts of excessive power without damage.

High Power Handling and Low Power Compression

Along with high efficiency, you need a lot of power to achieve extreme SPL levels. Capable of handling up to 800 watts RMS and 1,600 watt peak, these drivers can take the heat.

About Dayton Audio

For more than 20 years, Dayton Audio has been a leading supplier for audio and video, combining real-world design with high-tech manufacturing techniques to offer some of the finest consumer electronic products today. Every Dayton Audio product is designed and engineered in the USA to provide the highest level of performance and value, backed by industry-leading warranties and support. Dayton Audio products can be purchased through authorized resellers including Parts Express (parts-express.com). Visit us online at www.daytonaudio.com.

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