

Portable Amplifiers

NX6000D

Ultra-Lightweight 6000-Watt Class-D Power Amplifier with DSP Control and SmartSense Loudspeaker Impedance Compensation



- Delivers 2 x 3000 Watts into 4 Ohms, 2 x 1600 Watts into 8 Ohms and weighs less than 13.2 lbs / 6.0 kg
- Ultimate reliability through revolutionary cool-running High-Density Class-D technology with “near-zero” thermal buildup
- Ultra-efficient switch-mode power supply for noise-free audio, superior transient response and low power consumption
- High-performance DSP and 24-bit/96 kHz converters deliver ultimate signal integrity and extreme dynamic range
- DSP section features sophisticated delay, crossover (3 filter types, up to 48 dB/octave), EQ (8 parametric, 2 dynamic), dynamics processing and lockable security settings
- SmartSense Loudspeaker impedance compensation features fully linear frequency response at any speaker load impedance
- Front panel LCD display enables setup and adjustment without PC
- Can be set up, controlled and monitored via rear panel USB connector. Powerful remote software downloadable at behringer.com
- “Zero-Attack” limiters offer maximum output level with reliable overload protection
- Built-in Subwoofer/Satellite crossover for perfect subwoofer operation

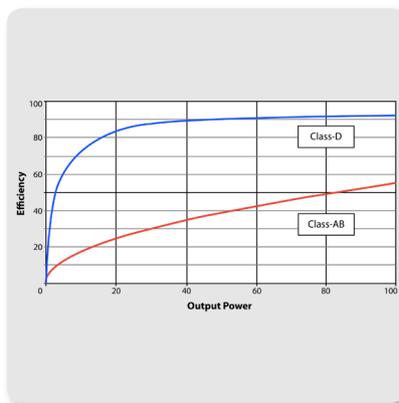
The NX6000D power amplifier packs 6000 Watts (2 x 3000 Watts @ 4 Ohms; 2 x 1600 Watts @ 8 Ohms) into exceptionally lightweight (13.2 lbs / 6.0 kg) and rack-mountable packages. Plus, the built-in DSP and 24-bit/96 kHz converters ensure the ultimate signal integrity with an extremely broad dynamic range. And because the NX6000D is so much more efficient than conventional designs, it runs cooler and doesn't require the massive heat sinks and heavy toroid transformers typically associated with its conventional counterparts. Thanks to our “Zero-Attack” limiters that offer maximum output level with exceptionally-reliable overload protection and SmartSense Loudspeaker impedance compensation, which provides fully linear frequency response at any speaker load impedance, you can run the NX6000D full-out for hours on-end. Our revolutionary high-density Class-D technology, combined with an ultra-efficient, switch-mode power supply ensure this feather-light powerhouse will drive your rig effortlessly for many years to come.



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SmartSense Loudspeaker
Impedance Compensation

- Detented and illuminated gain controls for precise level setting
- Precise 4-segment Signal and Limit LEDs to monitor performance
- XLR and ¼" TRS combination input connectors for compatibility with any source
- Professional twist-lock speaker connectors for ultimate reliability
- Independent DC, LF and thermal overload protection on each channel automatically protects amplifier and speakers without shutting down the show
- "Back-to-front" ventilation system prevents thermal buildup for reliable operation
- 3-Year Warranty Program*
- Designed and engineered in Germany



Class-D - Massive Power, Perfect Sound

Thanks to our High-Density Class-D amplifier Technology, we are able to provide you with enormous power and incredible sonic performance in an easy-to-use, ultra-portable and lightweight package. Class-D amplification makes all the difference, offering the ultimate in energy efficiency – and eliminating the need for heavy power supplies and massive heat sinks. This amazing technology makes it possible to design and build extremely-powerful products that are significantly lighter in weight than their traditional counterparts, while using less energy and protecting the environment.

Sublimely Simple Operation

The front panel controls and indicators provide your system's vital signs at a glance. After pressing the Power button, the Power LED lights to show the amp is ready for action. All channels feature positive-detent Gain controls with Signal LEDs that light when a signal is present, as well as Limit LEDs to indicate when the amplifier is running at full capacity. Just as elegant as the front, the rear panel is home to the combo XLR and ¼" TRS Input connectors, making the NX6000D compatible with virtually any source, balanced or unbalanced. Professional twist-lock speaker sockets are provided to ensure every drop of output power gets to your loudspeakers.



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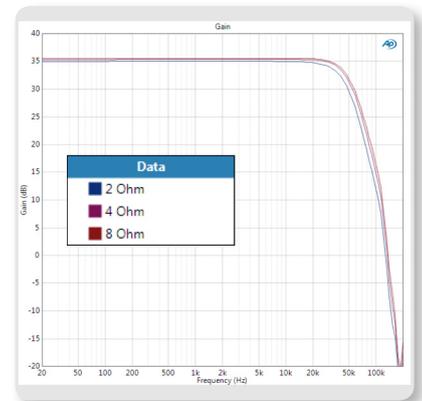


NX DSP

For sound engineers requiring high-level control capability, the NX6000D amplifier comes ready for action right out-of-the-box. The built-in DSP and 24-bit/96 kHz converters ensure the ultimate signal integrity with an extremely broad dynamic range. DSP section features sophisticated delay, crossover (3 filter types, up to 48 dB/octave), EQ (8 parametric, 2 dynamic), dynamics processing and lockable security settings. A convenient front panel LCD display allows you to setup and make adjustments directly at the amplifier, without the need for a PC.

SmartSense Impedance Compensation

Our new SmartSense Technology puts the punch back into Class-D amplification, providing vastly improved full-range frequency response with more powerfully-dynamic bass, and smoother high-frequency reproduction. The resulting output is no longer dependent on the actual load, but is rendered perfectly ruler flat via impedance compensation. NX6000D's design also incorporates a significantly-higher damping factor that yields better amplifier control over the loudspeaker for stronger audio reproduction – especially in the LF area.



NX EDIT Remote Control Software

You can also set up, control and monitor your NX6000D amplifier using your computer via USB – and immediately gain access to a whole new level of amplifier control. NX EDIT is the ideal way to manage installed systems, and to create custom presets for live sound and production environments.

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Sound Value

Sporting massive output ratings, built-in DSP and 24-bit/96 kHz converters, lightweight Class-D technology and an equally lightweight price tag – plus all the amenities a professional audio engineer could ask for – the **BEHRINGER** NX6000D power amplifier is a serious amp for your most demanding applications.

Experience the **BEHRINGER** NX6000D amplifier at your local dealer, or get yours online today, and find out why more and more professionals are turning to **BEHRINGER** amplifiers for their superb performance and extraordinary value.



You Are Covered

We always strive to provide the best possible Customer Experience. Our products are made in our own **MUSIC Tribe** factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have one of the lowest product failure rates in the industry, and we confidently back it up with a generous **Warranty** program.

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For service, support or more information contact the BEHRINGER location nearest you:

Europe
MUSIC Tribe Brands UK Ltd.
 Tel: +44156 273 2290
 Email: CARECrea@music-group.com
 CAREEnte@music-group.com
 CARELife@music-group.com

USA/Canada
MUSIC Tribe Commercial NV Inc.
 Tel: +1 702.800 8290
 Email: CARECrea@music-group.com
 CAREEnte@music-group.com
 CARELife@music-group.com

Japan
MUSIC Tribe Services JP K.K.
 Tel: +81 3 6231 0453
 Email: CARECrea@music-group.com
 CAREEnte@music-group.com
 CARELife@music-group.com

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