

iNUKE NU4-6000

Ultra-Lightweight, High-Density 6000-Watt 4-Channel Power Amplifier

- Delivers 4 x 1500 Watts into 4 Ohms, 4 x 750 Watts into 8 Ohms and weighs less than 12 lbs. / 5.5 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
- "Zero-Attack" limiters offer maximum output level with reliable overload protection
- Built-in Subwoofer/Satellite crossover for perfect subwoofer operation
- 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
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany

behringer.com



The powerful iNUKE NU4-6000 packs four 1500-Watt amplifiers into the space of one. Now you can run your stereo full range mains plus two separate monitor mixes with this one exceptionally lightweight, rack-mountable powerhouse. Or, you may want to operate your subwoofers in bridge mode (3000 W) and run you mid/high packs in mono biamp mode (2 x 1500 W). The highly versatile iNUKE NU4-6000 gives you options, and lots of them. Our revolutionary high-density Class-D technology combined with ultra-efficient switch-mode power supplies ensures these feather-light power amps will drive your rig effortlessly for many years to come.

Superb transient response

We spent years fine-tuning the high-density Class-D technology that gives the iNUKE Series its oomph. By carefully selecting transistors with extremely high slew rates and optimizing other proprietary parts of our circuitry, these amps react instantly to even the most demanding electronic bass impulses.

When this amazing amplifier technology is combined with our state-of-the-art switching-mode power supplies, these amplifiers provide tremendous punch. And because they are so much more efficient than conventional designs, they run cooler and don't require the massive heat sinks and heavy toroid transformers typically associated with their conventional counterparts.

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 clip LEDs to indicate when the signal is distorted and you need to reduce the input signal.

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iNUKE NU4-6000

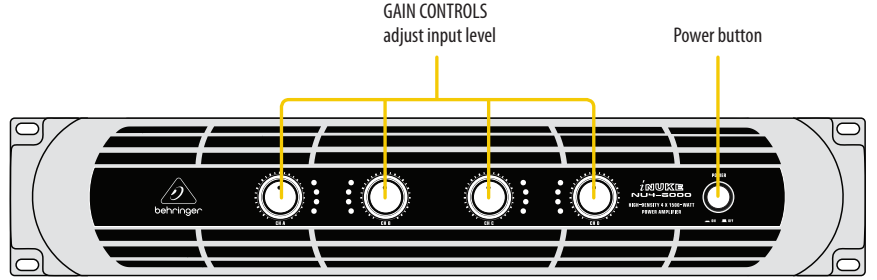
The rear panel is just as elegant, with combo XLR and 1/4" TRS input connectors making the NU4-6000 compatible with virtually any source, balanced or unbalanced. Professional twist-lock speaker sockets are provided to ensure every drop of output power gets to your loudspeakers. The rear panel is also where you'll find the switches that enable the NU4-6000 to work in quad mono, dual stereo, or dual mono bridge mode. A built-in Crossover switch enables the amp to operate in biamp mode, sending low frequency content to passive subwoofers, while the high frequency output is channeled to full range loudspeakers.

4 Times the Value

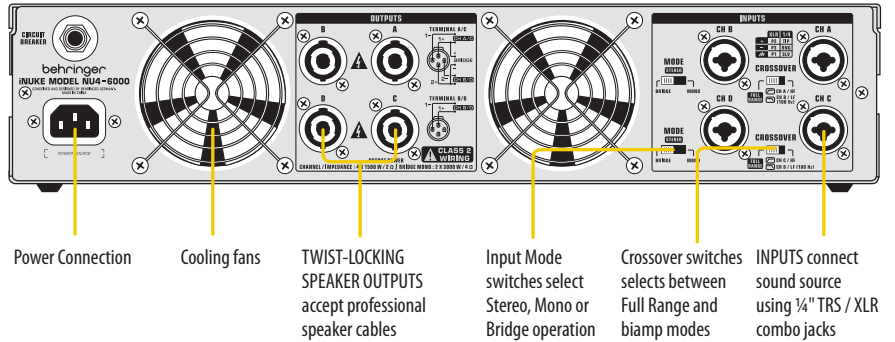
Sporting not just one, but four 1500-Watt Class-D amplifiers in a single lightweight rack-mountable housing, an equally lightweight price tag, plus all the amenities a professional audio engineer could ask for, the BEHRINGER iNUKE NU4-6000 is the real deal! Designed to handle the most demanding audio applications, we back it with the best warranty program in the industry. Check one out today at your authorized dealer and experience the power of iNUKE.



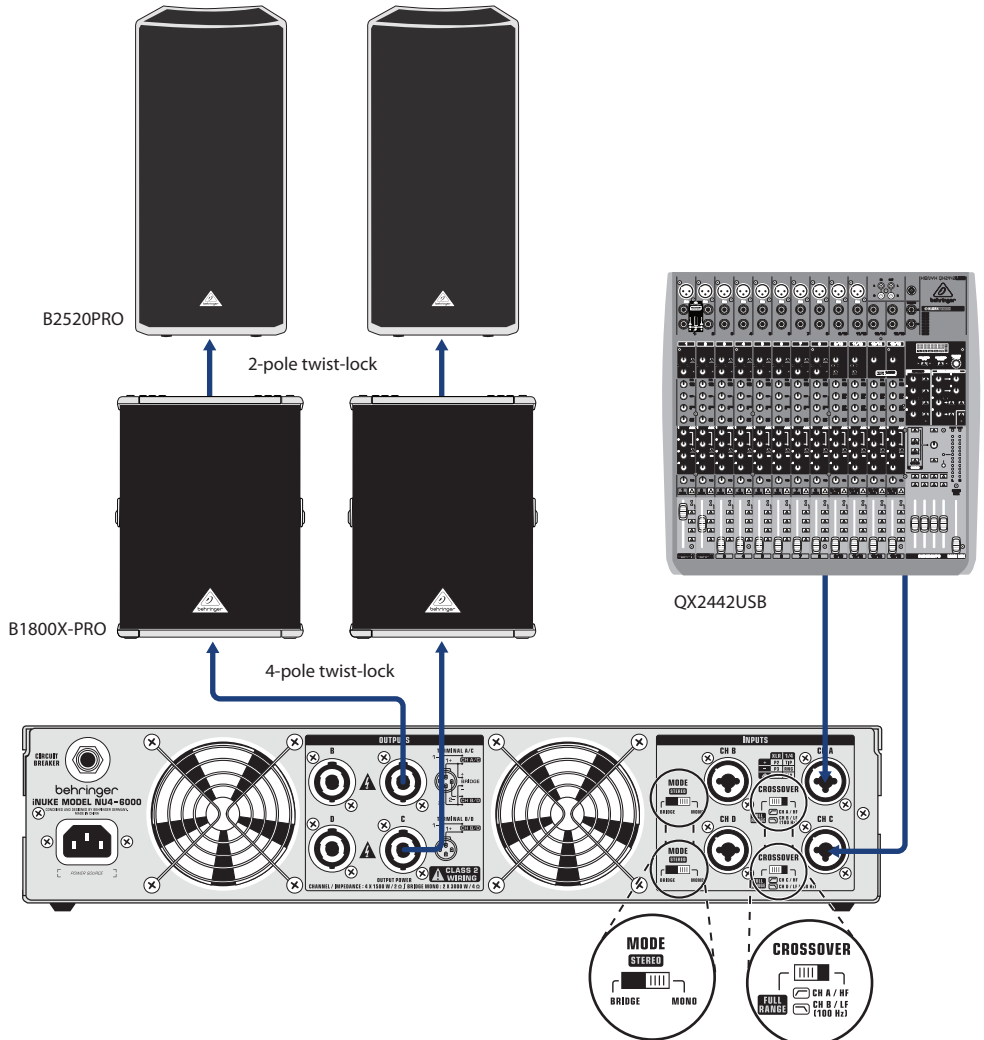
Front Panel



Rear Panel

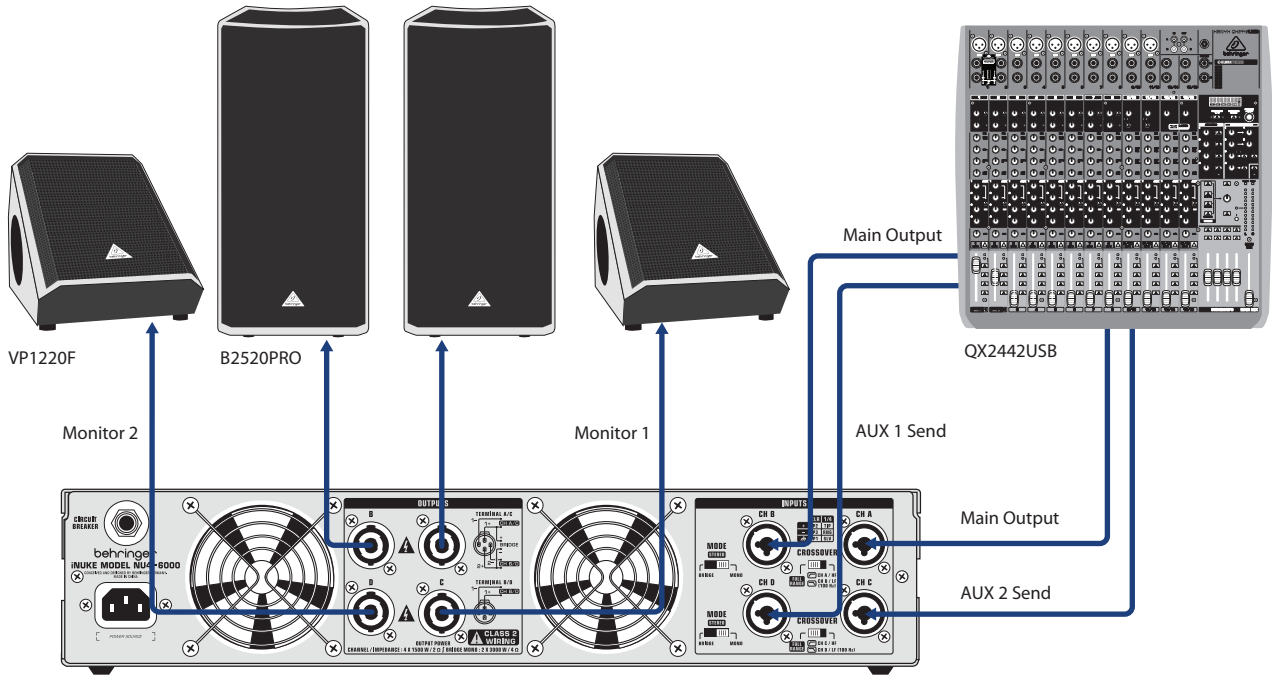


NU4-6000 in Stereo PA with Subwoofers



iNUKE NU4-6000

Stereo PA with Two Separate Monitor Mixes



iNUKE NU4-6000

Specification

Output Power

Maximum Output Power

4-channel

8 Ω per channel 4 x 440 W

4 Ω per channel 4 x 860 W

2 Ω per channel 4 x 1600 W

Bridge connection

8 Ω per bridged pair 2 x 1600 W

4 Ω per bridged pair 2 x 3000 W

System

Controls

Front Power switch Gain controls (channels 1, 2, 3, and 4)

Rear 2 x Mode switch (bridge / stereo / mono)
2 x Crossover switch (fullrange / 100 Hz)

Indicators

Power Amber backlit illuminated gain controls

Limit (per channel) Red LED (0 dB, full scale)

Signal (per channel) Amber LED (-24 dB, -12 dB, -6 dB)

Connectors

Inputs 4 x combo jacks

Input impedance 10 k Ω unbalanced, 20 k Ω balanced

Outputs 4 x locking-style professional speaker connectors

Output circuit type Class-D

Distortion <0.2%

Frequency response 20 Hz to 20 kHz, +0 / -2 dB

Damping factor >120 @ 8 Ω

Signal-to-noise >100 dB

Circuit protection

Cooling Continuously variable speed fan
Back-to-front air flow

Amplifier protection Thermal and DC protection Stable into reactive or mismatched loads

Load protection On/off muting, DC-fault power supply shutdown

Power Supply, Voltage (Breaker)

USA / Canada 120 V~, 60 Hz, (25 A 250 VAC)

UK / Australia / Europe 220-240 V~, 50/60 Hz, (12 A 250 VAC)

Korea / China 220-240 V~, 50/60 Hz, (12 A 250 VAC)

Japan 100 V~, 50/60 Hz, (25 A 250 VAC)

Power consumption at 1/8 Max. non-clipped output @ 2 Ω 620 W

Power consumption at Max. attainable output @ 2 Ω 4800 W

Mains connector Standard IEC receptacle

Dimensions / Weight

Dimensions (H x W x D) appr. 3.7 x 19 x 12.2"
appr. 94 x 482 x 310 mm

Weight appr. 12.4 lbs / 5.6 kg

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