New Product Announcement

Niagara 7000

Low-Z Power | Noise-Dissipation System

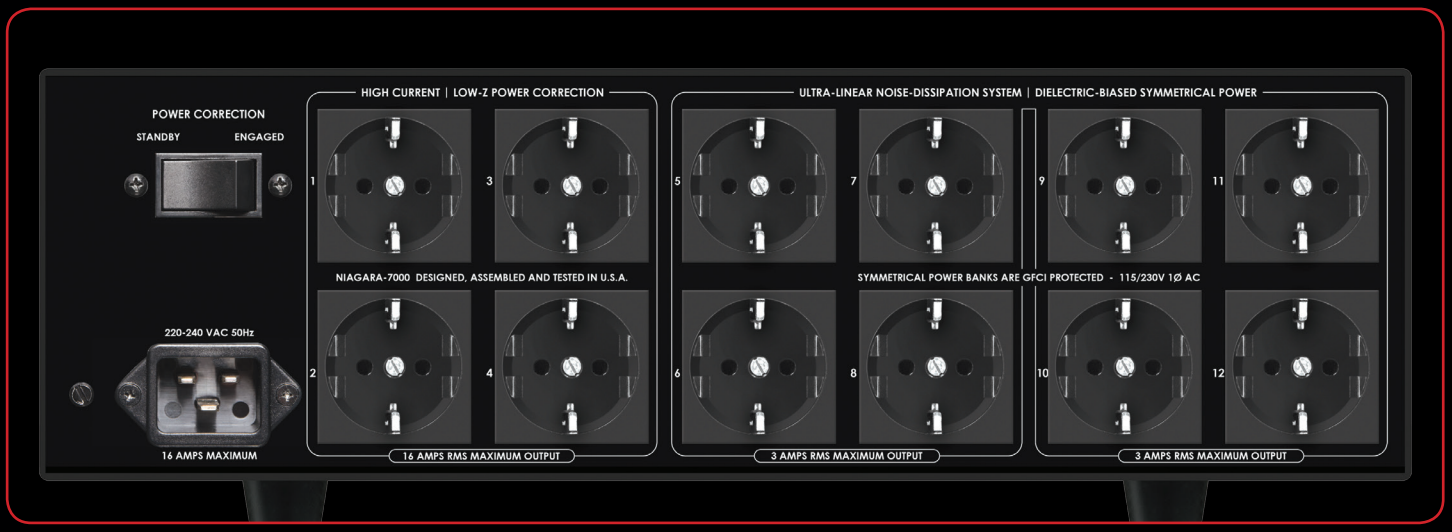
AudioQuest is proud to introduce our Niagara 7000 Low-Z Power Noise-Dissipation System, a complete rethinking of AC power filtration, designed by one of the field's foremost experts, Garth Powell. As with every AQ product before, and more recently our DragonFly USB DAC and NightHawk headphones, we would not have entered this field if we didn't think we had something special and significant to offer. In Niagara 7000, we believe we've created a product that revolutionizes the art and science of AC power—a product that will inspire audio/video enthusiasts and help to create an even more immersive, emotionally compelling experience.

In designing Niagara 7000, we aimed to successfully address problems that prevent today's audio/video components from achieving their potential. Due to the great increase in airborne and AC-line-transmitted radio signals, combined with overtaxed utility lines and the ever-increasing demands from high-definition audio/video components, a complete rethinking of AC power technology is needed to provide our A/V systems with the power required to fulfill their potential.

Further, today's power amplifiers are being taxed for instantaneous peak-current demand, even when they're driven at modest volumes. Although we have seen a substantial increase in dynamic range from much of our audio software, the loudspeakers we employ to reproduce them are often no more efficient than they were 50 years ago. This places great demands on an amplifier's power supply, as well as the source AC power supplying it. In our efforts to properly accommodate the promise of today's ever-increasing bandwidth and dynamic range, the Niagara 7000 affords extremely low system noise and provides superior current delivery across a very wide range of frequencies.

Through differential sample tests and spectrum analysis, it can be proven that up to a third of a high-resolution (low-level) audio signal can be lost, masked, or highly distorted by the vast levels of noise riding along the AC power lines that feed our components. This noise couples into the signal circuitry as current noise and through AC ground, permanently distorting and/or masking the source signal. Our systems' sensitive components need better alternating current.

We realize that true audio/video optimization is never a matter of any one secret or exotic circuit. When it comes to noise dissipation for AC power, many approaches can yield meaningful results. However, these approaches may also impart ringing, current

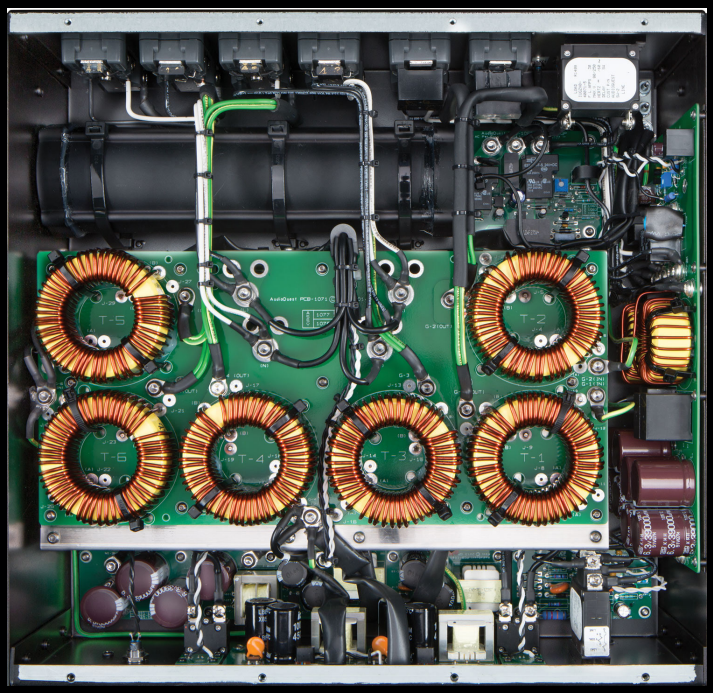


compression, and non-linear distortions that can render the cure worse than the disease. While there currently exist a number of AC power conditioners, isolation transformers, regeneration amplifiers, and battery back-up system topologies, Niagara 7000 takes a holistic, science-based approach to AC power technology and represents a comprehensive solution to the ever-increasing noise that plagues our power lines.

In the Niagara 7000, you'll find optimized radiofrequency lead directionality, run-in capacitor forming technologies developed by Jet Propulsion Laboratories and NASA, and AC inlet and outlet contacts with heavy silver plating over extreme-purity copper assuring the tightest grip possible.

The Niagara 7000 uses our patented AC Ground Noise-Dissipation System, the world's first Dielectric-Biased AC Isolation Transformers, and the widest bandwidth linearized noise-dissipation circuit in the industry. Our unique passive/active Transient Power Correction Circuit features an instantaneous current reservoir of over 80 amps peak, specifically designed for today's currentstarved power amplifiers. Most AC power products featuring "high-current outlets" merely minimize current compression; the Niagara 7000 corrects it.

With an AudioQuest Niagara 7000, music lovers can finally experience the clarity, dimensionality, frequency extension, dynamic contrast, and grip their A/V systems have been capable of delivering—if only the power had been right!



Niagara 7000 Low-Z Power Noise-Dissipation System

- **12 AC outlets:** 4 High-Current/Transient Power Correction; 8 Ultra-Linear/Dielectric-Biased Symmetrical Power
- **Direction-Controlled Ultra-Low-Resistance Solid-Core Wiring**
- **Ultra-Linear AudioQuest AC RF Filtering Capacitors**
- **Dielectric-Biased AC Isolation Transformers**
- **Transient Power Correction**
- **Patented Ground Noise-Dissipation System:** 6 banks of direction-controlled ground noise dissipation
- **Ultra-Linear Noise-Dissipation Technology:** More than 21 octaves of AC differential and common-mode filtering with linear response, optimized for varying line and load impedance
- **Non-Sacrificial Surge Protection**
- **Zero Ground-Contamination Technology**
- **Over-Voltage Shutdown with Automatic Reset**
- **Ultra Low-Z (low impedance) NRG Series AC Power Inlets and Outlets**

Description	EU Retail	Part Number
Niagara 7000 EU	**8,995.00**	NIAGARA7000EU

EU Retail – October 1, 2016

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