

## New Product Announcement

# NIAGARA 5000

## LOW-Z POWER | NOISE-DISSIPATION SYSTEM



AudioQuest continues its war against noise and fortifies its line of Noise-Dissipation Systems with the Niagara 5000. Like all AQ power products, Niagara 5000 exemplifies a *comprehensive* approach to AC power management—one grounded in verifiable science, representing over 20 years of exhaustive research into AC power products designed for audiophiles, broadcast engineers, and professional-audio applications.

Like the flagship 7000, the Niagara 5000 uses AudioQuest's patented AC Ground Noise-Dissipation System and extremely wide-bandwidth ultra-linear filtering, which work together to minimize distortion and enable greater resolution from audio, video, and digital components. Our Transient Power Correction provides an ultra-low-impedance buffered source for any power amplifier's power supply, as well as a current reservoir of over 80 amps peak for AC current transients, resulting in tighter, more powerful and well-defined bass.

In addition, our non-sacrificial surge suppression and over-voltage shutdown with automatic reset

ensure that a system's sensitive components are thoroughly protected against both catastrophic and incremental sustained damage. Meanwhile, our Zero Ground-Contamination Technology prevents noise or surge energy present on the AC Line or Neutral from ever connecting to the AC Ground, thereby eliminating what would otherwise create greatly increased distortion and, in some cases, sustained damage to sensitive components.

Further, Niagara 5000's pre-formed AC RF filtering capacitors vastly improve linearity and minimize distortion while dissipating AC line and radio-coupled noise; and, of course, all Niagara Series wiring is direction-controlled for the most efficient dissipation of radio-frequency noise.

So, what distinguishes Niagara 5000 from Niagara 7000?

The Niagara 5000 forgoes the latter's patented dielectric-biased symmetrical power isolation transformers. These isolation transformers contribute greatly to Niagara 7000's state-of-the-art design, enabling the



very best means of dissipating common-mode AC line and radio frequency noise from the power that feeds low-current source components. However, many custom-install, pro-audio, or video components simply require greater current capacity than can be had through either of the 7000's isolation transformer (source component) output power banks. (Additionally, a small percentage of components may prefer the grounding scheme utilized for the Niagara 5000, as it will allow a greater range of circuits to work harmoniously without the need to connect a source component to the high current bank.)

Far more than a high-value proposition, AudioQuest's Niagara 5000 delivers 90% of the source-component performance of the flagship 7000 and 100% of the amplifier performance. With the Niagara 5000, your customers can finally experience and fully enjoy the clarity, dimensionality, frequency extension, dynamic contrast, and sheer grip their systems have always been capable of achieving—now with greater flexibility, even within the most complex system applications.

## NIAGARA 5000 LOW-Z POWER NOISE-DISSIPATION SYSTEM

- **Patented Ground-Noise Dissipation System:** Yields lower distortion and greater resolution from audio, video, and digital components with grounded AC cords/circuits
- **Transient Power Correction:** Provides power amplifiers a current reservoir of over 80 amps peak (up to 25mS) for AC current transients
- **Ultra-Linear Noise-Dissipation Technology:** AC differential and common-mode filtering with linear response, optimized for varying line and load impedance, assures superior resolution for audio, video, and digital signals
- **Ultra-Linear AQ-Formed AC RF Filtering Capacitors:** Vastly improve linearity and minimize distortions, while dissipating AC line and radio-coupled noise
- **Direction-Controlled Ultra-Low-Resistance Solid Wiring:** Optimized for the highest efficiency noise-dissipation of harmful distortion-causing radio frequencies
- **12 Low-Z (Low-Impedance) AC Power Outlets:** 4 High-Current Low-Z Power; 8 Ultra-Linear Filtered Power (source components) Outlets feature heavy silver plating, over 30% greater mass.
- **Non-Sacrificial Surge Protection:** Withstands multiple AC surges and spikes up to 6000V/3000A
- **Over-Voltage Shutdown with Automatic Reset:** Enacts shutdown at approximately 17% above optimal AC input levels, until the incoming AC voltage returns to a safe range

Description	EU Retail	Part Number
Niagara 5000 EU	4,495.00	NIAGARA5000EU