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## FOR IMMEDIATE RELEASE

### Wadia Now Shipping Reference series 9 Decoding Computer system

#### **A Unique Mono D>A Conversion design with Eight DACs Per Channel Plus Latest Generation DigiMaster Combine for an Awe Inspiring Performance**

**January 1, 2006** – Wadia introduces a new line of Reference Digital Components with the series 9 Decoding Computer system. This next generation product combines elegant Wadia form with innovative technology to reach a new pinnacle of digital and analog circuit design. The series 9 Decoding Computer system realizes unmatched resolution capabilities and leaves the user with an uncanny sensation of being in the presence of live performers.



The series 9 Decoding Computer system is a three chassis system and is comprised of the 931 Digital Controller and two 921 Mono Decoding Computers. The 931 Digital Controller acts as the central controller for the Decoding Computer System. Although the 931 may perform the basic functions of an analog preamplifier, acting as the user interface, there is a very important difference. The 931 Digital Controller processes only digital signals and converts the data to Wadia's proprietary Dual-Fiber Interface format. It does not alter the signal in any way, unlike a sonic signature created by an analog preamplifier. Each 921 provides D>A conversion.

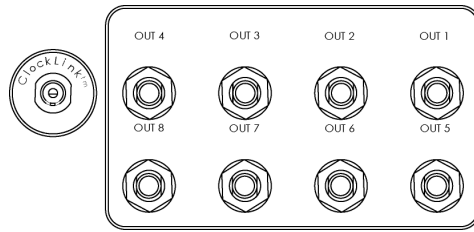
**Unique Dual Fiber Interface** – The Wadia Dual Fiber Interface uses two glass-fiber cables per channel, which provide extremely high data rate while maintaining complete electrical isolation between the 931 and 921's. One fiber optic cable carries digital audio data and control signals for communications between the 931 and 921 Decoding Computers, such as Volume, Balance, Emphasis, Mute, and Standby. The second cable carries dedicated clock signals. This eliminates the possibility of signal-correlated jitter and provides the most accurate clock possible.

**DigiMaster** – The series 9 Decoding Computer system is the most resolving Wadia ever. Three digital signal processors coupled with our most advanced up-sampling software (DigiMaster™ 1.4), generate 2.8224 million samples per second at a theoretical 26 bits of resolution. DigiMaster allows us to generate this amazing amount of data with accuracy both in the frequency and (particularly) in the time domain. When accuracy in the time domain is achieved the resulting 3-dimensional sonic image leaves you with the uncanny feeling of being there.

**SwiftCurrent 2** – To exploit the extraordinary data rate generated in the digital section a discreet implementation of our patented SwiftCurrent technology (SC-2D) was created. Current exiting the D>A converters is now optimally loaded, in turn allowing each DAC to remain linear. Current is then mirrored and driven with a zero global feed back Class A current gain stage. The output feeds directly into a phase accurate filter that simultaneously creates voltage and removes unwanted high frequency noise.



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### 931 Digital Outputs

*9 ST Glass Fiber Optic (Configurable for Clock or Data)*

The unique controller / mono DAC architecture allows the series 9 Decoding Computer system to reproduce two-channel audio at a level never before possible as well offering expandability into multi-channel audio, multi-level amplification, distributed audio, and even unforeseen configurations with equal aplomb.

**Class A Output** – In creating the series 9 Decoding Computer system an all new pure Class A output stage architecture was developed. Analog signals remain time and phase coherent as zero global feedback is maintained throughout the entire system. Integrated Circuits that might introduce switching distortion have been eliminated. The discreet analog path is musically pure, nothing is included that does not contribute to performance.

**Power Supply** – The series 9 Decoding Computer system features a massive fully balanced quadruple shielded toroidal transformer. Dual inductors ensure current flows smoothly and continuously to charge capacitors. There is a fully regulated separate power supply for digital processing, clocking, D>A conversion, and output stage. Every performance component is powered by dual regulated isolated power traces that join only at the ground plain. The result – pure music power delivered with lightning speed and instantaneous reproduction of transient information.

**Upgradeable Modular Design** – As with all Wadia digital components series 9 Decoding Computer system features a modular design with flexibility for future upgrades. For example, the rear panel is removable and can easily be replaced to accommodate new input or output connectors. In addition, connectors and data paths are available so that new circuit boards can be “piggybacked” onto existing boards with access to data, control, and power signals. If the industry standardizes on a new digital format the Wadia 931 Digital Controller can be upgraded while keeping the Dual Fiber Interface as a standard. This eliminates the 921 Decoding Computers from needing regular updates to support potential new formats that become accepted standards.

**Without Compromise** – The 3 separate chassis have been machined out of high grade aluminum to create a functional non-ferrous environment that acts as both a shield and a safe haven for precision electronics. The look is powerful and yet refined featuring a jewelry grade finishing process requiring 5 separate steps to perfect. The series 9 Decoding Computer system is built without compromise.

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