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FOR IMMEDIATE RELEASE

Wadia Introduces Elegant New Decoding Computer

Wadia 521 Decoding Computer Features Innovative Digital to Analog Technology previously available only in reference Wadia

Las Vegas, 2007 CES – Wadia Digital, manufacturers of industry leading CD/SACD Players and Digital to Analog Converters, introduces the stylish and sophisticated Wadia **521 Decoding Computer**.



Wadia Digital is one of the foremost high-end audio companies dedicated to the development of digital audio products. Wadia innovations have shaped and defined digital audio processing and conversion for the high performance consumer electronic industry.

Wadia designs are born of a delicate balance of technology shaped by a passion for music. This combination of technical skill and understanding of musical enjoyment have allowed Wadia to produce superior digital playback components for nearly two decades.

The Wadia 521 Decoding Computer, in the classic Wadia 5 series chassis, features reference Wadia technologies at a more accessible price point. The 521 Decoding Computer represents significant advancement and true innovation from Wadia and signals the company's commitment to incorporate its most advanced technology into all Wadia products.

Updated Digital to Analog Circuitry Throughout – The enhanced main decoding circuit design includes DigiMaster™ 2.5 Upsampling Algorithm, 24-bit Burr-Brown 1704 DACs, Wadia SwiftCurrent™ 2 Discrete (SC-2D), and DirectConnect™ with Digital Volume Control.

DigiMaster™ – The patented DigiMaster filter system is optimized to preserve the subtle time and phase information vital to musical realism. Dual digital processors running DigiMaster software (release 2.5) attain 24-bit resolution at sample rates in the millions.

SwiftCurrent™ – SC-2D technology, a powerful proprietary circuit introduced in the Wadia PowerDAC Digital Amplifier, has now been re-invented. To exploit the extraordinary data rate generated in the digital section a discreet implementation of our patented current mirroring technology 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 throughput stage. The output feeds directly into a phase accurate filter that simultaneously creates voltage and removes unwanted high frequency noise.



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Wadia DirectConnect Technology with Digital Volume Control – DirectConnect allows the Wadia 521 Decoding Computer to be connected directly to a power amplifier, bypassing the losses inherent in analog preamplifiers.

Upgradeable Modular Design – Upgrade flexibility is a cornerstone of Wadia’s philosophy. Software-configured circuitry, along with modular cards such as 24-bit digital inputs, ensures that the Wadia 521 can be upgraded to accommodate future technology. For example, an optional Ethernet input for the 521 Decoding Computer allowing a flexible interface to media files stored on your computer is under development at this time.

Sonically – The Wadia 521 Decoding Computer draws the listener into the music with 3-dimensional images and remarkable liquidity of sound. The Wadia 521 Decoding Computer allows you to listen in amazement to the strength of human emotion communicated through music.

Technical Specifications

Digital Processing	24-bit
DAC Sample Rate	1.4112 MHz
Digital Inputs	Six inputs: 2 Glass Fiber Optic (ST), 2 SPDIF (BNC), 1 Plastic Fiber Optic (TOSLINK), 1 AES/EBU (XLR) All inputs accept and decode standard digital audio formats, from 32 kHz to 96 kHz, and from 16-24 bits.
Analog Outputs	One pair of Balanced (XLR) and one pair of Unbalanced (RCA). Both sets may be used simultaneously.
Volume Control	Volume can be adjusted via the remote control in 100 discrete steps. Each step alters the volume by 0.5 dB
Maximum Output	
Voltage	Maximum output level can be adjusted, via the internal switches, between 0.24V and 4.2V to match the overall system sensitivity.
Output Impedance	Less than 15 Ohms
Dimensions	Inches: 4 1/8H x 17W x 16D Centimeters: 10.5H x 43.2W x 40.5D
Power Consumption	25 Watts
Finish Options	Black or Silver Anodized Aluminum
Weight	30 lbs. (14.6 kg)

Suggested retail price – \$6950.00

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