

series 9

971 CD Transport



The 971 is Wadia's finest CD Transport, born from Wadia Digital's very fruitful recent efforts in developing a completely new CD / data transport platform. The 971 combines our very latest and most sophisticated version of this new transport with Wadia's proven performance enhancements. These include our most fully regulated and isolated power supply technology, the latest and best version of our proven ClockLink capability, the most complete mechanical isolation of any Wadia transport, and Wadia's proven output dithering circuit for delivering the most fully enhanced digital output signal resolution.

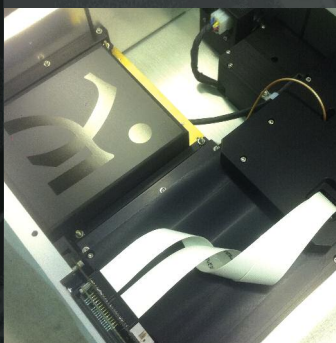
By adding and further refining each of these proven performance-enhancing technologies, and combining these technologies with the most fully refined version of our new standard-setting CD mechanism, Wadia is able to provide a reference level CD playback device with virtually perfect data capture on both CD and high quality data discs (up to 24 bit resolution).



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D I G I T A L I N T U I T I O N



Highlights of the Wadia 971 Reference CD Transport:

- Wadia's proven ClockLink technology enables the most jitter free transmission of data between transport and Wadia decoding computers. Clock Link enables a master clock in the decoding product to have absolute control over the entire transport to decoding signal path, virtually eliminating the jitter found in all traditional digital signal processing transmission methods.
- The 971 is the first Wadia CD Transport to offer a fully isolated sub-chassis mounting for complete isolation between the main chassis and the sub-chassis housing the transport mechanism. This machined brass sub-chassis has carefully chosen resonance characteristics specifically designed to cancel the resonant frequencies generated by the high performance motor drive. Floating completely independently of the main external chassis, this massive internal sub-chassis fully isolates the transport from all external noise and vibrations.
- The 971 includes the most complete isolation from stray light / reflections of any CD transport in the market. A custom built aluminum / nickel / copper RF shield completely surrounds the CD optical block, providing complete RF isolation from the external environment. A NASA supplier provides a laser-black internal coating which absorbs 100% of stray red laser dispersion within the transport, enabling the 971 to deliver bit-perfect laser reflections from each disc without any "light noise" or unwanted reflections. The same light absorption material is used inside the Hubble Telescope, enabling the most refined and accurate renditions of deep space light from distant galaxies.
- Wadia's proprietary Resolution Enhancement – The 971 includes our most recent and advanced form of 24 bit digital dithering, which serves to linearize decoding computer response to the digital output stream. With this dithering added to the output signal, we can see and measure a more linear and accurate decoding of the actual digital signal data from the disc. The net result is more precise and accurate real-world output resolution from any decoding computer used with the 971 CD Transport.
- The 971 adds a new (patent pending) proprietary noise filter on the AC input, which enables Wadia's proven and refined regulated power supply topology to achieve even lower noise floors for all circuits in this reference CD transport. The 971 is also the first and only Wadia transport to include Wadia's most sophisticated and expensive proprietary bypass capacitors in every critical regulated power supply stage. The resulting noise floors are far lower than any prior Wadia transport, allowing reference quality stability and the greatest possible output resolution for every digital signal.
- Wadia's 971 includes our most fully developed and most completely isolated iteration of the new customized Wadia/ Stream mechanism, offering nearly perfect bit transfer with a minimal need for error correction. When combined with the very large memory buffer on the customized Wadia-designed servo board, the 971 provides more accurate bit transfer than any previous generation of Wadia CD Transport.
- Added disc format flexibility – The 971 is the finest Wadia CD Transport capable of reading high resolution (up to 24 bit) Data Discs, such as FLAC.

The Wadia 971 Reference CD Transport represents a new and considerably enhanced level of disc playback performance from Wadia, and is the perfect complement for our reference level series 9 Wadia Decoding Computer.

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