series 3

381 CD Player
381i CD Player

The ebb and flow of music fills your room as the 381 CD player sonically takes you to places you have never been.

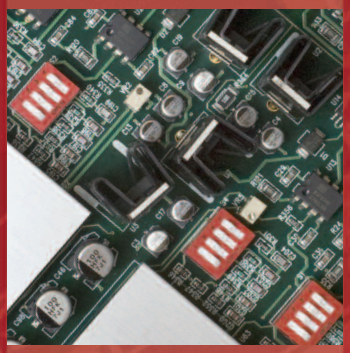
Music Without Compromise. The 381 CD Player features the same ground breaking technologies that have made the 581se CD Player a benchmark. Literally your 381 CD Player utilizes the identical DigiMaster 2.5 reconstruction filter, SwiftCurrent 3 Discreet current to voltage conversion, isolated power factor corrected and inductor filtered power supplies, and ClockLink jitter reduction circuits as the 581se CD Player adding up to world class performance at a very attractive price. New to the 381 CD Player is our first optical disc transport capable of playing FLAC audio data from your download collection.

The 381i CD Player adds digital input and output boards. Utilizing the inputs allows you to use your 381i as a high performance Wadia DAC maximizing sources such as - DVD players, computers, digital satellite/cable boxes. The 381i CD Player makes a perfect match for the Wadia 170iTransport.

The Wadia 381 CD Player will bring the passion back into your musical world.

Wadia

DIGITAL INTUITION



By the Numbers

The 381 utilizes a new CD only transport, modified to allow ClockLink™ jitter reduction and pure data capture, providing state-of-the-art audio information extraction with the lowest measured error correction in Wadia's history. Patent worthy technologies ensure that data is accurately captured from audio discs regardless of format, including FLAC. The mechanism is further enhanced by a custom mounting and enclosure system that provides both mechanical and electrical isolation. The result, performance surpassing even the highly acclaimed transports featured in previous players.

Tradition Meets Innovation

Developed for our special edition and reference products, Wadia's SwiftCurrent™ 3 Discreet (SC-3D) has been combined with the latest version of our superior current to voltage (I/V) conversion technology. Current exiting the D>A converters is optimally loaded, in turn allowing each DAC to remain linear. Current is then mirrored and driven with a zero global feedback Class A throughput stage. The output feeds directly into a phase accurate filter that simultaneously creates voltage and removes unwanted high frequency noise. The SC-3D generates 3 independent data streams that drive both the balanced and unbalanced legs of the output stage. A quieter blacker background ensures holographic images will appear, or in other words the sound stage will be rendered in... 3-D.

Pure Power

The 381 CD Player features two new fully balanced shielded toroidal transformers that are electrically, mechanically, and acoustically isolated from other components. New inductor filtering has been added to the digital supply ensuring smooth charging of capacitors and eliminating noise spikes from the ground plain. There is a fully regulated separate power supply for digital processing, clocking, D>A conversion, and the output stage. Every performance component is powered by regulated isolated power traces. The result – quiet pure power delivered with lightning speed allowing instantaneous reproduction of transient information.

Technical Specifications

Power Supply:
Dual transformers in internal isolation chamber

Power Consumption:
58 watts

Decoding Software:
3 user selectable upsampling algorithms including DigiMaster v2.5

Compatible Formats:
Red Book CD, CD-R, CD-RW and FLAC

Digital Processing Capability:
1 - 24 Bits

Digital Resolution:
21 bit resolution

DAC Sample Rate:
1.4112 MHz

Digital Volume Control Range:
50dB in one-hundred 0.5dB steps

Maximum Output Voltage:
Adjusted via internal switches from 0.3V to 4.25V to match system sensitivity

Output Impedance:
Less than 15 ohms

Digital Inputs 381i only:
1 - USB (B-Type)
1 - AES/EBU (XLR)
1 - SP/DIF (BNC)
1 - Plastic Optical (Toslink)

Digital Outputs 381i only:
1 - Glass Fiber-Optic (ST)
1 - AES/EBU (XLR)
1 - SP/DIF (BNC)
1 - Plastic Optical (Toslink)

Analog Outputs:
1 pair balanced (XLR)
1 pair unbalanced (RCA)
Both can be used simultaneously

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