

PRELIMINARY

Capitole Classic CD Player



THE NEW EXPECTED CAPITOLE WITHOUT PRE AMP AND VOLUME CONTROLE

Capitole CD Player 24/192 has been designed with the idea to equal the new digital formats performance.

First, we selected a high-end laser mechanism from Philips for its excellent playback performance, long lifetime, low play noise and long product life cycle. Supported by a specific aluminum subchassis, its excellent readability allows to recover more than 97% of CD's data.

Then, we included the state-of-the-art in digital processing : our exclusive STARS2 ® process (Solution for Time Abstraction Re Sampling), a combination of very high speed 192 kHz RE-sampling (a new jitter free clock is created), 24 bit re-quantization and signal enhancement techniques (extraction of "hidden" information from 16 bit data, improvement of dynamic, precision, soundstage and details), especially developed for Audio Aero by Anagram Technologies SA.

The core of the system is a 32 bit SHARC DSP which, by performing hundred millions of calculations per second, rebuilds a high precision 24/192kHz signal, independent from the input clock, and keeping total dynamic range in all stages.

Then, after a 1024 times up-sampling on demand, D/A conversion is performed at 6.144MHz by a high performance 24 bit / 192 kHz digital to analog converter.

Supported by our new switching power supply bringing more dynamics and extended bases, the analogue stage features sub-miniature tubes.

Specifications :

Frequency range (with 16/44.1 input signal) : 7 Hz - 20 kHz (- 1dB)
Output voltage : 2.0 V RMS RCA
4.0 V RMS XLR
Output impedance : 100 ohms
Digital dynamic range : 140 dB
Signal to noise ratio : 125dB
Total harmonic distortion : < 0,2 %

Philips CDPRO2 mechanism for audio CD, CDR and CDRW
Exclusive STARS2 ® process for 24 bit / 192 kHz re-sampling
Burr-Brown PCM1792 24 bit / 192 kHz Digital to Analog converter

Integrated analog balance control
6021W subminiature tube output stage and high quality buffer

Analog outputs : single-ended RCA and professional line driver XLR
Digital output : BNC
Software upgrade by USB 2 interface

New anti vibration Chassis : 15/10 steel
New Lid : 20/10 brushed aluminum
New drawer and opening system

Delivered with Black Diamond Racing Pyramid Cones
Weight : 15kg. / 32.6 lbs.
Dimensions (W x L x H) : 445 x 450 x 120 mm.
17.52 x 17.72 x 4.72 inches.

audioaéro

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