



**The CDA823** is an evolution of the renowned CDA822 CD-player. While employing the same outstanding DACs and analog amplifiers as its predecessor, double resampling and reading speed are now introduced. Increased over-sampling of 192 kHz is used to avoid the loss of energy and transparency in a complex analog output filter. The CDA823 also allows for future updates of firmware through flash programmable microprocessors.

The CDA823 uses a true 24-bit, high-resolution, dual differential, digital to analog converter with current output for widest dynamic ranges, fast conversion and lowest noise. Jitter distortion arising from time errors is virtually eliminated by sample rate converters and our precision internal master-clock. All audio power supplies are multi-regulated. The output amplifiers are a priority in the design of this audiophile CD-player. Operational amplifiers with their fixed working conditions and sound qualities can become an obstacle when the designer wants to be in control of the final performance. Therefore, CDA823 employs discrete class-A input amplifiers with carefully selected operational points for the specific electronic environment in which they have to perform. The output circuitry provides both fully balanced and single ended outputs.

Dealer:

### Specifications

Frequency response	20 Hz - 20 kHz +/- 0.1 dB
S/N ratio (IHF-A curve)	Better than 100 dB
Phase linearity	Less than 0.2° (20 Hz - 20 kHz)
Dynamic range	Better than 100 dB
T.H.D.	Less than 0.01 %
D/A Converter	24-bit Dual Differential
Output Analog	Balanced and single ended: 2.0 V rms.
Output digital	S/PDIF. 0.5 V p-p/75 ohms
Power consumption	40 W
Normal mains voltage	115 V or 230 V factory set for destination country only
Mains voltage range	+/- 12%
Dimensions	430 (W) 120 (H) 390 (D) mm
Weight	9 kg