



## Ayon CD-10 Signature CD/SACD player/DAC USB-24/384 DSD128 RCA/XLR SPIDF TLink

AY 03 CD CD10SIG

**NZ\$8,995.00** ea (incl. GST)

**The key difference between CD-10 standard and CD-10 Signature is the Signature version features Mundorf supreme capacitors.**

The CD-10 is in many respects a ground-breaking SACD/CD-Player design with an advanced technology like a single-ended triode 6H30 output stage, a new DAC design, an advanced magnetic clamp system and a switchable PCM-DSD converter. This Player is presenting a new level of musical performance with stunning vitality, clarity, natural warmth, superb dynamic contrasts and besides all of them a superb construction quality.



In this price-range the CD-10 (*excl the more expensive CD35*) is one of the most innovative and tonal best CD-players ever built in the more than 35-year long CD-history.

Ayon Audio has released its CD-10 SACD/CD player, which is a re-design of the company's CD-1sx. It has a new DAC, a switchable PCM-DSD converter, a magnetic disc clamp and a 6H30 single-ended triode output stage. 'Ayon's new CD-10 presents a new level of musical performance with stunning vitality, clarity, natural warmth, and superb dynamic contrasts,' said **Boris Granovsky**, of Absolute HiEnd, 'When you factor in its attractive appearance and superb construction quality, I think that in this price-range it's one of the most innovative and best-sounding players ever built.'

The CD-10 has a Class-A triode vacuum-tube output stage that's set up for both single-ended and balanced operation and has a very low output impedance so it can drive long runs of interconnect to an amplifier and still interface correctly with either valve or solid-state amplifiers. One of the features of the CD-10 is the shortness of the signal paths inside it, thanks to completely redesigned PCBs. 'The shorter the signal paths, the less the possibility of sonic degradation from various sources, including the wire itself,' Granovsky told Australian Hi-Fi Magazine. 'Even on the circuit boards, the copper traces are kept to a very minimum length and because the CD-10 is completely assembled by hand, interconnect wires are also very short.'

The Ayon CD-10's circuitry has no negative feedback of any kind and includes a sequenced soft-start power-up circuit to extend valve life, along with a special 'warm-up' function. The low-noise R-core power transformer has separate transformer windings for the analogue and digital circuits, with valve rectification for the analog output stages, ten separate voltage regulators and both a.c. and d.c. line filtering.

Ayon says it designed the CD-10 in modular format, with plug-in PCBs so it can be easily updated in the event of technical modifications in the future. It's also available in two different configurations, the 'CD-10 Standard' and the 'CD-10 Signature' with the **Signature version featuring Mundorf supreme capacitors.**

### Features

Full-featured Tube Top Loader CD-Player  
Class-A triode vacuum-tube output stage for single-ended & balanced operation

## SIGNAL PATH

We believe that the simplest circuits work best together with the shortest signal path. That is why our pre-amplifiers to date have used single-ended pure class-A circuitry. The shorter the signal path is, the less possibility of sonic degradation from various sources, including the wire itself. Even on the circuit boards, the copper traces are kept to a very minimum length. The completely redesigned circuit board provides a more straightforward and direct approach to the signal paths.

- Logical sequenced soft-start power up for extended tube life
- Warm up function
- 0dB negative feedback (of any kind )
- Ultra short signal path
- Simplest direct circuit path for purest musical sound and high reliability
- Low output impedance for driving long runs interconnect to an amplifier, and any tube or solid state power amp
- No solid state devices in the analog tube output (signal path )
- Minimal discrete wiring for optimum signal propagation
- No followers or buffers in the signal path
- No DC servo that degrades the signal
- High quality parts throughout
- Fully hand assembled to insure the highest level of craftsmanship
- Separate analog output stage for left and right channel
- Digital input - S/PDIF (RCA), & TosLink
- USB input – 24/384 kHz and DSD 64x/128x
- Digital output - S/PDIF (RCA)

## POWR SUPPLY

The power supplies have been further refined with new components and enhanced AC line noise filtration. Separate power transformer windings and filters provide total isolation between the input and output stage which makes this a pure power source and it is a critical attribute for a 6H30 output stage. We also use electrolytic capacitors with much larger storage capacity to make up for the loss in filtering when using resistors in lieu of inductors.

R-Core / Low noise – insulated power transformer for digital & analog

- Innovative power supply provides a high speed energy delivery on transients
- Separate and isolated power supplies over each stage of amplification
- AC power line filter to avoid noise and hash from entering into the unit.
- Tube rectification for analog output stage
- 10 separate voltage regulators

## COMPONENTS

The type of parts used therefore must have a synergistic relationship to the circuit they are placed in. It is this relationship of which type of part to use where, that ranks our products apart from the mass.

- Selected, premium quality passive components used in all applications
- High speed & high quality audiophile grade coupling capacitors
- High quality special tube sockets with gold pins
- Capacitors ( MKP 2% )
- High quality – RCA & XLR jack
- Gold-plated industrial grade PCB

## MECHANICAL CONSTRUCTION

The high grade aluminium chassis impart a richer, more lustrous tonality with a cleaner back-ground and less hash and grain. All brushed anodized anti-vibration-resonance and non-magnetic chassis's are fully hand assembled to insure the highest level of craftsmanship.

- Backlit function buttons
- Modified suspension system to isolate the SACD/CD-transport from mechanical vibrations
- Anti-vibration magnetic CD-clamp system with dark acrylic CD-LID

- The aluminium feet are resonance absorbing types
- Metal remote commander
- Chassis finish: black / chrome

## Specifications

Conversion rate: 768kHz / 32 bit & DSD 256

DAC configuration: Fully symmetrical / AKM-Japan

Tube complement: 6H30

Tube complement for power supply: 6Z4 (6C4P)

Dynamic range: > 119dB

Output level @1 kHz / 0,775V -0dB Low: 0 – 2.5 V / variable

Output level @1 kHz / 0,775V -0dB High: 0 – 5V / variable

Output impedance Single-Ended-RCA: ~ 300 ?

Output impedance Balanced-XLR: ~ 300 ?

Digital output: 75 ? S/PDIF (RCA)

Digital input: 75 ? S/PDIF (RCA), USB – 24/384 kHz & DSD 64x/128x, TosLink

S/N ratio: > 119 dB

Frequency response: 20Hz - 40kHz +/- 0.3dB

Total harmonic distortion @ 1kHz: < 0.001%

Remote control: Yes

Output complement: RCA & XLR

Dimension (WxDxH) cm 48x36x12 cm

Weight: 13 kg

*Specifications subject to change without notice*

## Link

<http://www.audioreference.co.nz/product/ayon-cd-10-signature-cdsacd-playerdac-usb-24384-dsd128-rcaxlr-spdif-tlink-0>