

# SCD-025 mk.II

Signature CD player / DAC



Signature Series | *EXTREME*

v i t u s **VA** a u d i o

[vitusaudio.com](http://vitusaudio.com)

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## Signature CD player / DAC

**The SCD-025 mk.II has been built from the ground up to create one of the finest performances from CD available.**

The CD Drive selected for the SCD-025 mk.II has been stripped down to its basic mechanical and electronic parts and totally rebuilt. This ensures a lower level of errors in reading the digital information on the discs, which leaves the error correction system in the drive with much less work to do.

The digital audio part has been taken to the extreme. From day one we decided to use sample rate conversion, to minimise jitter. However instead of using a standard solution from ADI or TI, we chose the DSP based module from Anagram Technologies. First of all we gain higher flexibility, as this module is programmable and can be upgraded for newer standards.

Secondly we achieve a sample rate of 384KHz where the current limit on standard solutions is 192KHz. The higher the sample rate the higher the bandwidth. As Anagram Technologies designed a masterclock module to fully support their sample rate conversion modules - the choice was easy - however a very expensive one.

The analog stage uses our highly regarded topology taken directly from our amplifiers. It is a discrete coupling, which uses zero feedback, ultra linear transistors and high precision resistors. The resulting open loop bandwidth lies at 2.5MHz and gives a very linear phase response, which is one of the key elements for correct musical harmony.

The power supply is split into 4 different and completely separate supplies. One each for the drive and digital audio part and two for the analog stage (left and right). We believe the SCD-025 is bringing "musical performance" into the digital domain.

In the mk.II version, we did a complete re-design of all audio boards, including the PSU. This has taken the overall performance to a level, which sets a new standard on the market with its resolution, dynamics and musicality.



INPUT	USB	S/PDIF
Available	1	1x RCA / 1x XLR
Impedance		75 / 110 Ohm

OUTPUT	XLR Analog	RCA Analog
Available	1 (L+R)	1 (L+R)
Impedance	75 Ohm	75 Ohm
Frequency response	0-200KHz	0-200KHz
Signal to noise ratio	>110dB	>110dB
THD + noise	> 0,01%	> 0,01%

DRIVE	Philips CDPro2LF (heavily modified by VA)
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Digital Audio Technology	
Master Clock	VA Module +/- 5ppm
Samplerate Module	Engineered Q8 - up to 384 KHz samplerate
DAC Chip	2x AD1955 DAC - monomode configuration

Digital Audio Input	
AES/EBU	1x XLR
SPDIF	1x RCA
USB Class A/B	Supports up to DSD128, 32bit 384KHz PCM

Digital Audio Output	
Standard	(1x RCA / 1x XLR)
Sample rate	192 KHz
Resolution	24 bit

POWER CONSUMPTION	
Standby	<1W
Operation	36W

DIMENSIONS	
Hight	130 mm
Width	435 mm
Depth	430 mm
Weight	26 Kg

