

SCD-025 Mk.II

SIGNATURE CD PLAYER

SIGNATURE SERIES



V
VITUS AUDIO
FOREVER NOW

The SCD-025 Mk.II: Deconstructed and recreated to achieve a peerless performance from your most precious CDs.

The SCD-025 Mk.II has a distinguished heritage, originally inspired as it was by the MP-D201 thus creating the most analogue-sounding red-book CD-player in existence.

Not content to locate the ideal drive for our SCD-025 Mk.II, we stripped it down to its basic mechanical and electronic parts and rebuilt it from the ground up. In doing so, we reduced the number of errors incurred when reading the digital information stored on discs, thus greatly reducing the amount of work required from the drive's correction system.

The principal reason for the upgrade was the introduction of a new USB interface, but we seized the opportunity to overhaul several aspects of the technology.

On the digital front, we threw everything we had at the project. From the start of the development process, we had decided to use sample-rate conversion in order to avoid 'jitter'. However instead of using a standard solution, we chose the DSP based module from Anagram Technologies, moving up from a Q5 module to a Q8.

Firstly, this conferred a higher degree of flexibility, since this module is programmable and can be upgraded to meet newer standards as they emerge.

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. Anagram Technologies has designed a master clock module to fully support their sample rate conversion modules, so the choice was easy if expensive.

"As a pure piece of audio design the SCD-025 is beautifully put together, but the the way that it so naturally brings digital music to life – whether from a CD or another digital source – is profoundly engaging. It is quite simply the best single-box CD player/DAC that I have heard to date."

Chris Thomas – Hi-Fi + Magazine

The analogue stage employs our highly-regarded topology directly derived from our amplifiers. It is a discrete coupling using zero feedback, ultra linear transistors and high precession resistors. The resulting open loop bandwidth stands at 2.5MHz and gives a very linear phase response – one of the prime elements of correct musical harmony.

The power supply is split into four different and completely separate supplies – one each for the drive and digital audio part and two for the analogue stage (left and right).

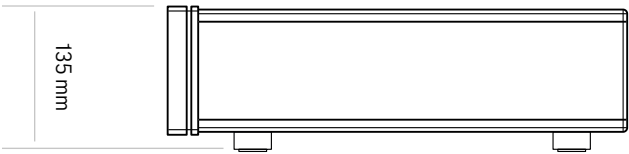
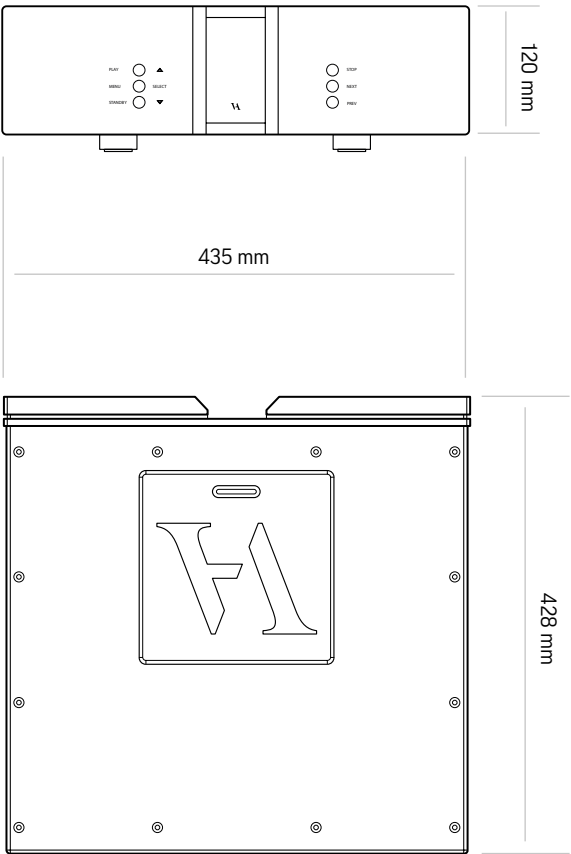
With the SCD-025 Mk.II, we are bringing great musical performances into the digital domain.

OUTPUT	XLR analogue	RCA analogue
Available	1 (L+R)	1 (L+R)
Impedance	80Ω	80Ω
Frequency response	+800kHz	+800kHz
Signal to noise ratio	>110dB @ 1kHz	>110dB @ 1kHz
THD + noise	<0.01%	<0.01%
DRIVE		
Drive mechanism	Philips CD Pro 2LF (significantly modified by VA)	
DIGITAL TECHNOLOGY		
Master clock	24.576 MHz +/- 5 ppm	
Samplerate converter	Engineered Q8	
DAC	2x AD1955 – mono mode	
DIGITAL AUDIO INPUTS		
	USB	AES/EBU & S/PDIF
Available	1x USB B	1x XLR & 1x RCA
Impedance		75 / 110Ω
Sample rate	384kHz + DSD128	192kHz
Resolution	24bit	24bit
DIGITAL AUDIO OUTPUT		
Standard	1x XLR (AES/EBU) / 1x RCA (S/PDIF)	
Sample rate	192kHz	
Resolution	24bit	
POWER CONSUMPTION		
Standby	<1W	
Operation	45W	
DIMENSIONS		
Height	135mm (including feet)	
Width	435mm	
Depth	428mm	
Weight	26kg	



SCD-025 Mk.II

DEVICE OVERVIEW



Material: Aluminium for body parts
Dimensions (H x W x D): 135 x 435 x 428 (mm)
Weight: 26kg

