

Product Announcement

Musical Fidelity Nu-Vista Source Devices

A new flagship DAC and phono stage join the coveted range.

Didcot, Oxfordshire – 8th December 2023

Since the relaunch of the Nu-Vista series at the beginning of 2023, Musical Fidelity have brought to market a variety of amplification solutions within their flagship range. Today, they venture into the world of source devices with the introduction of the Nu-Vista DAC and the Nu-Vista Vinyl 2.

Both devices benefit from the other advancements already made in the development of the new *Nu-Vista by Musical Fidelity* series, including their massive aluminium housing and clear front-mounted control screens. They also tread new ground for the series, as exceptional high-end solutions for digital or vinyl playback.



The Nu-Vista DAC (£9,999.00 SRP) is a class-leading high-end DAC with balanced, Class A nuvistor tube output stage. The Nu-Vista Vinyl 2 (£9,999.00 SRP) is a true flagship phono stage with balanced, discrete circuitry and a Class A nuvistor tube stage.

Nu-Vista DAC and Vinyl 2 product features include:

- ✓ Proven audio circuitry utilising nuvistor tube technology
- ✓ *Nu-Vista by Musical Fidelity* front-panel with impressive display
- ✓ Super Silent Power Transformer technology
- ✓ Extensive adjustment options
- ✓ Multiple connection options
- ✓ Luxury feel and class-leading sound

Nu-Vista DAC: £9,999.00 (SRP)

Nu-Vista Vinyl 2: £9,999.00 (SRP)

Shipping December 2023 in black or silver finish.

Nu-Vista DAC in detail

The Nu-Vista DAC represents the pinnacle of digital-to-analogue conversion. Built-around industry-leading ESS 32-bit HyperStream II DAC architecture, the input and output options of this sensational device means you can accommodate a whole world of digital audio with the highest possible sound quality.

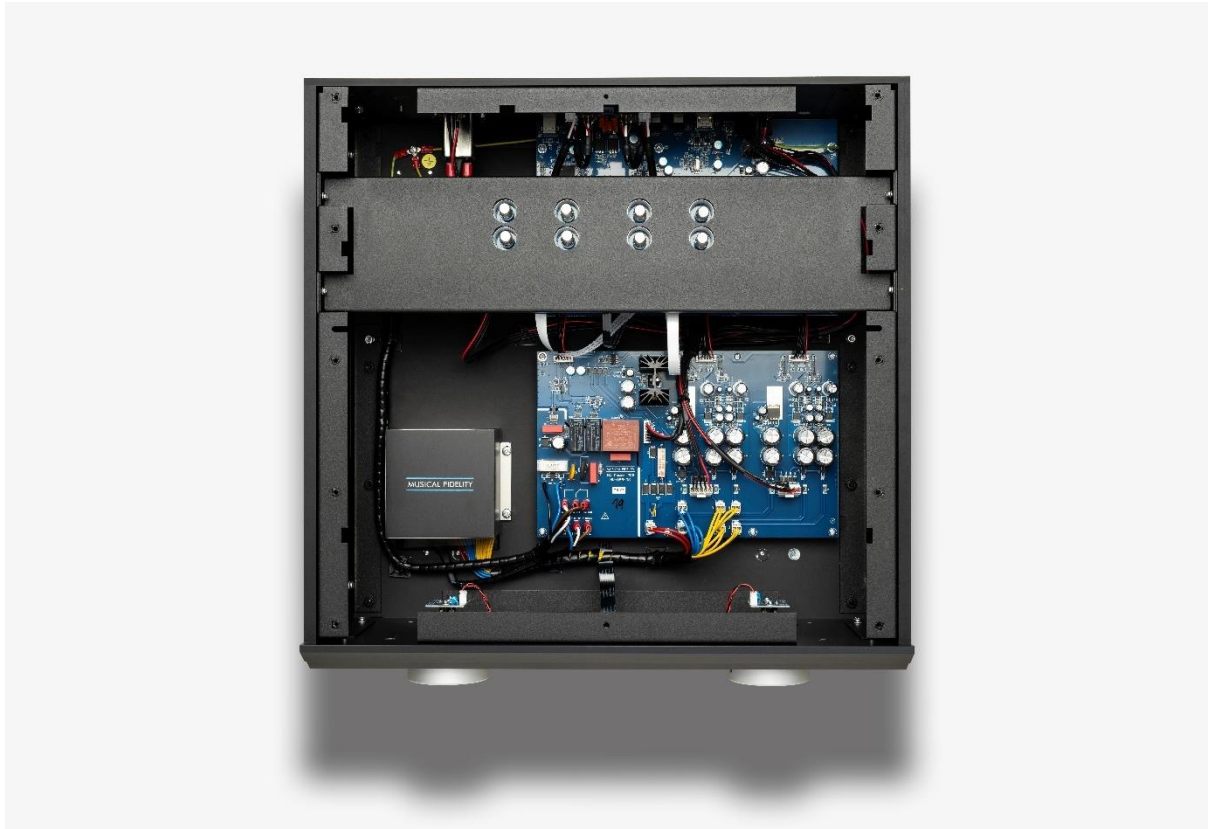


The Nu-Vista DAC offers inputs for up to three optical sources, one coaxial device, one USB device, a single AES/EBU source and even an I2S input for a future Nu-Vista CD player (TBA). The extensive-yet-intuitive control interface gives access to multiple customisation options, and the included remote control brings further flexibility and convenience. The balanced and unbalanced, and fixed and variable, output options also make the Nu-Vista DAC a simple addition to any listening system, whether as a dedicated source device or as a pre-amplifier.

Building on Musical Fidelity's knowledge and experience with ESS Sabre DACs, the Nu-Vista DAC uses two ES9038Q2M chips in dual differential mode for a true dual-mono design. Thanks to these converters, the Nu-Vista DAC supports up to 768kHz audio files in PCM formats, DSD256 via DoP, and native DSD512 via USB, covering basically any digital file type you can buy or stream. The S/PDIF inputs are also improved over regular DACs with their support for MQA (up to 384kHz) and DSD (DoP 64).

Musical Fidelity make use of an extremely low-noise, low-dropout "dual-regulator" architecture in the Nu-Vista DAC, designed specifically for high-performance audio systems. The inclusion of a Time Domain Jitter Eliminator further results in superb technical measurements, including jitter rates below 100 femto-seconds. Other advances in the DAC section include optional upsampling and re-clocking settings and an oversampling bypass mode.

The 16-core XMOS and CPLD MAX II Altera processors ensure there is always enough computational headroom for all the in-device operations and facilitate the extensive filter options and built-in MQA processing, while never compromising on quality. For ultra-high-res audio handling, with sample rates of 705.6kHz and 768kHz, the Nu-Vista DAC switches into oversampling bypass mode, where the digital signal enters the DAC block directly for a totally pure conversion with no change to the original signal quality.



Never before has an audiophile company combined a nuvistor tube stage with such an advanced digital conversion system. In the Nu-Vista DAC, the digital section is connected directly to a high-performance, fully differential analogue stage with exceptional technical and sonic characteristics. Each channel has its own fully balanced nuvistor output stage, with the tubes running in a fully discrete Class A configuration. The result is a highly musical, silky-smooth sound paired with ultra-low distortion and noise.

The Nu-Vista DAC represents Musical Fidelity's enduring commitment to Super Silent Power Transformers. Industrial grade power sockets with EMI filter and DC blocker stop interferences and eliminate transformer hum. The encapsulated toroidal transformer with low core saturation is ideal for audio applications and especially perfect for digital audio due to its extremely low electromagnetic radiation. The power supply for digital and analogue circuitry is carefully separated to provide immunity and isolation of the analogue amp and buffer stages from any possible digital HF interference. For further enhancement, the Nu-Vista DAC can also be upgraded with the external Nu-Vista Uni PSU power supply, which is coming soon.

The Nu-Vista DAC offers the best of the best in digital-to-analogue conversion, combining extensive compatibility and adjustability with true high-end sound performance, all housed in an elegant-yet-imposing chassis that can take pride of place in any high-end system.

Technical Data:

Type:	Digital to Analogue Converter
Valves:	8x 7586 Nuvistors
DAC Circuit:	32-bit Hyperstream II
DAC Chip:	2 x ES9038Q2M (Dual mono)
Frequency Response:	10Hz – 20kHz (-0.5dB)
Total correlated jitter:	< 100 femtoseconds
Linearity:	< 0.5dB down to -130dB
Channel separation (0dBFS):	< 130dB @ 10kHz
THD+N (0dBFS):	< 0.003% @ 1kHz
SNR (0dBFS):	> 120dB (A Weighted)
Inputs:	1 x USB Audio Class 2 – requires USB 2.0 or higher 3 x Optical input (Supports 24-bit/192kHz PCM, MQA 384kHz, DSD 64 (DoP)) 1 x Coaxial input (Supports 24-bit/192kHz PCM, MQA 384kHz, DSD 64 (DoP)) 1 x AES/EBU input (Supports 24-bit/192kHz PCM, MQA 384kHz, DSD 64 (DoP))
Outputs:	1 pair line level RCA outputs (fixed or variable @2V RMS) 1 pair line level XLR outputs (fixed or variable @ 4V RMS)
Output impedance:	< 10 ohms
Power Consumption:	40W max. (< 0.5W in standby)
Dimensions (W x H x D):	483 x 188 x 510mm (incl. connectors)
Weight:	21.5kg net

Nu-Vista Vinyl 2 in detail

The Nu-Vista Vinyl 2 is a true flagship phono stage, offering exceptional build quality, class-leading sound, and extensive adjustability to suit almost any record or cartridge. Boasting a fully balanced and discrete electrical design behind its imposing façade, this is a must-experience product for any high-end listener.



The Nu-Vista Vinyl 2 is a highly accurate phono stage for both MM and MC cartridge systems. Featuring two balanced XLR and two unbalanced RCA inputs, as well as balanced and unbalanced outputs, it is easy to accommodate into any system. The extensive setting adjustments include options for gain, capacitance, impedance, and equalisation, as well as a two-step subsonic filter.

The phono pre-amplification of the Nu-Vista Vinyl 2 contains three gain stages powered by Class A discrete transistor circuitry. The decision to utilise a discrete electrical layout, as opposed to a more common layout making use of “Integrated Circuits”, was reached after countless listening tests due to the flexibility of choice separate (i.e., discrete) components afforded.

As well as being fully discrete, the Nu-Vista Vinyl 2 is also fully balanced. This is an expensive and complex undertaking, but it works to ensure that the signal integrity is as strong and clear as possible throughout the phono stage, and results in minimal noise and distortion – allowing your music to remain true to the original reproduction.

The EQ stage is another area that leaves nothing to chance. Completely passive and in two separate stages (split-passive), the Nu-Vista Vinyl 2 ensures the most accurate representation of the ideal EQ curve with little deviation, for better impedance matching. In addition to the standard RIAA curve, Musical Fidelity have also implemented DECCA and COLOMBIA curves, to suit different records or musical tastes.

The audio signals from the phono preamplifier go to a separate board for each channel, with a fully balanced discrete Class A nuvistor tube stage. The clean PCB layout and purpose-driven design guarantee lowest possible noise and distortion with low output impedance and ensure a rich sound quality that is utterly engaging and true to the original pressing.



The Nu-Vista Vinyl 2 represents Musical Fidelity's enduring commitment to Super Silent Power Transformers. Industrial grade power sockets with EMI filter and DC blocker stop interferences and eliminate transformer hum. The encapsulated toroidal transformer with low core saturation is ideal for audio applications and especially suited to phono signals thanks to its extremely low electromagnetic radiation. Each discrete stage has a DC servo ensuring optimal DC mode. The preamplifier is powered by two high-quality symmetrical low-noise power supplies, one for each channel. All the fully balanced Nuvistor PSUs are passively filtered and regulated. The result is super silent and super-efficient power delivery for optimal performance. For further enhancement, the Nu-Vista Vinyl 2 can also be upgraded with the external Nu-Vista Uni PSU power supply, which is coming soon.

The Nu-Vista Vinyl 2 is a phono stage without limitation. Making use of the finest components, and employing them in a sophisticated, meticulously engineered manner, this device can deliver music like nothing else available today.

Technical Data:

Type:	Phono Preamplifier
Valves:	8 x 7586 Nuvistors
Frequency Response (MM):	+0.2dB, -0.2dB
Frequency Response (MC):	+0.2dB, -0.25dB
Gain at XLR outputs (MM):	40dB, 43dB, 46dB, 49dB
Gain at XLR outputs (MC):	60dB, 63dB, 66dB, 69dB
Input impedance (MM):	47k Ω
Input impedance (MC):	5 – 47k Ω selectable
Input capacitance (MM):	50 – 400pF selectable
Input capacitance (MC):	400pF fixed
Input sensitivity (MM):	5mV IN / 500mV OUT @ 40dB, 1kHz
Input sensitivity (MC):	500 μ V IN / 500mV OUT @ 60dB, 1kHz
SNR (MM Input):	> 110 dB (A Weighted)
SNR (MC Input):	> 98 dB (A Weighted)
THD (MM):	< 0.005% @1kHz
THD (MC):	< 0.008% @1kHz
EQ Curves:	RIAA, DECCA, COLUMBIA
Subsonic Filters:	Off, Mild (IEC), Standard (@ 20Hz – 18dB/Octave)
Overload margin:	32dB
Inputs:	2 x Line-Level RCA Inputs 2 x Line-Level Balanced XLR Inputs
Outputs:	1 x Fixed RCA Output 1 x Balanced XLR Output
Power Consumption:	40W max. (< 0.5W in standby)
Dimensions (W x H x D):	483 x 188 x 510mm (incl. connectors)
Weight:	22kg net

Notes for Editors

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MUSICAL FIDELITY

About Musical Fidelity

Musical Fidelity represents the best of good quality hi-fi. Built on over thirty years of audio expertise, they design and engineer powerful hi-fi separates that deliver exceptional sound, high technical performance, excellent value for money and a superb build quality.

Now owned and operated by Audio Tuning, an independent audio specialist company based in Austria (famed for their Pro-Ject Audio Systems brand), Musical Fidelity still retains its proud British heritage, with every product the new company designs continuing to boast the natural, authentic sound that has made the name so respected across the world. The Musical Fidelity range is choreographed to embrace both traditional and modern requirements.



About Henley Audio

Henley Audio has been importing and distributing industry-leading hi-fi equipment to the UK and Ireland since 1997. With a passion for great sound and a firm focus on brand integrity, we work to deliver excellence in both product and service.

Formed as the result of a management buy-out of Ortofon UK, Henley Designs Ltd. (trading as Henley Audio) operates in-house sales, marketing, service, support, and warehouse teams in order to offer the full turn-key solution for suppliers. The brands we represent are not only highly regarded in their own right, but they also share a symbiotic relationship with other brands in our portfolio.

For more information, visit www.henleyaudio.co.uk

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