DAC-V1 D to A Converter

Overview:

The DAC-V1 is an asynchronous USB digital to analogue converter with multiple digital S/PDIF inputs, precision volume control and a high-quality headphone amplifier. It will produce stunning sound quality from your computer and transform it into a high-quality, high-resolution music hub.

Digital made musical

Connect the DAC-V1 to your PC, Mac or Laptop via a standard A to B USB cable and the quality of your music will be defined not by the limitations of the computer hardware, but by the quality of the data itself. And with DAC-V1 that can be incredibly high, up to 24bit/384kHz resolution.

Flexible yet powerful

While the DAC-V1 is perfectly suited to being positioned on a desk near a computer it is also highly versatile. It can integrate seamlessly into a traditional hi-fi system or be used with any two-channel digital audio source such as a games console, satellite box or any other device with a digital output via one of its five S/PDIF digital inputs. The DAC-V1 can also be combined with the Naim UnitiServe hard disk music server and its matching power amplifier, the NAP 100, to create a compact high-end music system.

Features:

Connect to:

PC/Mac/Laptop – Make the most of music from your computer via asynchronous USB
Hard disk player – Create a compact yet powerful hi-fi system by combining DAC-V1 with the NAP 100 and UnitiServe
Games Console – Immerse yourself in games and multi-media sound from your favourite console
CD Player – Take over preamplifier and DAC duties for your CD player and give extra connectivity
DVD Player – Play sound from your movies, documetaries, live concerts and more
Satellite TV Receiver – Improve the sound quality of your TV or set top box

Speakers – the 50W (into 8 ohms) NAP 100 power amp will drive a wide range of demanding loudspeakers
Headphones – play direct through your headphones from the front panel of the DAC-V1

Key features:

- High-speed asynchronous USB input up to 24bit/384kHz
- 5 x S/PDIF inputs up to 24bit/192kHz (1 x BNC, 2 X RCA, 2 x TOSLINK)
- Selectable fixed or variable analogue outputs (DIN or RCA)
- Zero S/PDIF Jitter design in common with the original Naim DAC
- Naim custom designed Digital Filtering with 16 times oversampling
- SHARC ADSP21489 DSP for Digital Filtering and zero S/PDIF jitter
- Classic discrete Naim preamplifier gain stage topology with selected components
- High-quality Burr Brown PCM1791A DAC, in common with NDX and SuperUniti
- Single ended Class-A headphone amplifier. Front panel ¼ inch headphone output
- Optical isolation between digital and analogue sections
- Naim digitally controlled analogue volume control for performance and precision
- Linear power supply with 210VA transformer, windings for Digital, DAC and analogue stages
- Operates with computers running OSX, 10.7 and above, Windows XP, 7 and 8
- Floating or Chassis ground switch for optimum performance with any system
- Field upgradeable firmware
- OLED display for adjusting settings and checking incoming bit-rates
- Control via IR remote control or front panel controls
- DAC-V1 can control computer playback and volume
- Compact non-magnetic low-resonance chassis and sleeve
- British design and build

Specification:

AUDIO INPUTS	
Asynchronous USB (High Speed)	Type B
Digital Inputs	5 S/PDIF (1 coaxial BNC, 2 coaxial RCA, 2 optical TOSLINK)
CONTROL	
IR Input	Front
Handheld	Remote handset included
Other	Front panel buttons and touch-sensitive logo mute function
OPERATING SYSTEM	
Windows	Windows 7 and 8 (up to 24bit/348kHz) Custom driver available
Mac OSX	OSX 10.7 and above (up to 24bit/384kHz)
AUDIO OUTPUTS	
Frequency Response	10Hz to 20kHz +0.1dB/-0.5dB
THD	0.002%
Analogue Outputs	2 (RCA and DIN) Variable Pre-amp Output Line Output Fixed: 2.1V RMS
Headphone outputs	1?4 inch (6.35mm) TRS Socket
FORMATS	
USB	44.1kHz to 384kHz
S/PDIF	32kHz to 192kHz, 24bit
POWER	
Power Consumption (maximum)	17VA
Supply Voltage	115V or 230V, 50 or 60Hz
PHYSICAL	
Dimensions	87 x 207 x 314mm (H x W x D)
Weight	4.3kg
Finish	Black powder coated

Please visit your neareset retailer for a demonstration:

naimaudio.com/find-a-retailer

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