

ARCAM

ARCAM rDAC



- Audiophile grade Digital to Analogue Converter
- Optical, Coaxial and USB inputs
- Reference quality Wolfson 8741 chipset
- dCS Asynchronous USB Technology
- Sonic upgrade for a multitude of sources
- High-end audio circuitry and components
- Stylish Aluminum casework

Arcam produced the world's first Digital to Analogue Converter 21 years ago and has enjoyed a world wide reputation for excellence in digital audio ever since.

The rDAC is the latest in a long line of products that have enabled music lovers to increase the levels of performance from a variety of digital audio sources.

The rDAC is extremely versatile and will get the best out of sources like DVD, Blu-ray and CD players, which don't have an internal DAC of the reference quality provided by Wolfson Microelectronics world class 8741. The rDAC can also transform the sound quality of sources like set top boxes, delivering high quality radio station streams as well as popular streaming products like Logitech and Sonos.

The most important development around the rDAC concerns its use with computer audio USB outputs. Most USB DACs suffer from a high level of noise and jitter due to the computer being responsible for the timing in the playback. The rDAC eliminates this problem as Arcam have licensed specially developed Asynchronous USB Technology* from one of the world's leading high-end audio companies, Data Conversion Systems Ltd (dCS). dCS has had a long and fruitful relationship with Arcam that goes back to the highly innovative Alpha 9 version of dCS's Ring DAC and are also based near Cambridge, UK.

The dCS technology allows a precision clock to drastically reduce the level of jitter from USB music sources and deliver a massive improvement in sound quality over the standard USB 'adaptive' system that is commonly used. The design of precision clock circuits and general digital and analogue audio engineering are Arcam's key strengths and the results from the very affordable rDAC are stunning with a wide range of digital audio sources.

The rDAC is housed in a compact, cast aluminum case with an external 6V power supply. It has three inputs, optical, SPDIF and USB. Arcam will introduce a wireless version of the rDAC that will work with a wireless USB dongle in the summer of 2010 so you can send your music wirelessly to your audio system from your laptop. This wireless transmitter also features dCS technology and will offer those music lovers who have large music collections on a PC or a Mac a level of performance that was until now only available from expensive audiophile systems.

The rDAC will be available during Q3 2010.

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rDAC Technical Specifications

Inputs

- 1x Optical SPDIF (Toslink socket)
- 1x Coaxial SPDIF (Gold plated socket)
- 1x USB
- 1x Wireless (optional, requires dongle)

Outputs

- 2x RCA / Phono sockets (Gold plated)

Output Level

- 2.1VRMS (at 0dBFS)

Audio Performance

- THD+N: 0.003% - (0dBFS, 1kHz, 22Hz to 22kHz, unweighted)
- Noise: -104dB - (relative to full scale, 22Hz to 22kHz, unweighted)

Dimensions

- Width: 160mm (6.3")
- Depth: 111mm (4.4")
- Height: 40mm (1.6")

** dCS Asynchronous USB technology used under license. Patents pending GB0817141.5 and US 12/63804.*