

DacMagic Plus Digital to Analogue Converter

October 2011



- Twin Wolfson WM8740 24bit DACs used in dual differential configuration.
- New Anagram Technologies ATF2™ 24-bit/384kHz audio up-sampling / jitter reduction
- Optional Digital Preamp mode allowing connection directly to power amp or active speakers
- 24-bit/96kHz driverless USB Audio 1.0
- 24-bit/192kHz USB Audio 2.0 with ASIO or kernel streaming modes
- Asynchronous USB transfer for very low jitter
- Selectable digital filters - linear phase, minimum phase and steep
- Balanced XLR audio output and RCA phono output
- Two 24 bit digital inputs (with optical or coaxial for each)
- External input for optional BT100 Bluetooth receiver - allows audio to be streamed and up-sampled from any paired Bluetooth device
- Supports high quality apt-X Bluetooth CODEC as well as standard SBC Bluetooth CODEC
- Available in black or silver finishes

Detailed Specifications

Inputs	2 x digital inputs (choice of co-axial or optical for each), 1 x USB audio input, 1 x external input for optional BT100 Bluetooth receiver
Audio Outputs	1 x pair gold plated RCA phono outputs 1 x pair XLR balanced outputs 1 x co-axial digital output (pass through) 1 x optical digital output (pass through) 1 x ¼" headphone output
D/A converters	Dual Wolfson WM8740 24bit DACs
Digital filter	Analog Devices ADSP21261 DSP upsampling to 24-bit/384kHz
Analogue filter	2-Pole Dual Differential Bessel Double Virtual Earth Balanced
Frequency response	20Hz to 20kHz (±0.1dB) *
Output level (unbalanced)	2.1V rms
Output level (balanced)	4.2V rms (2.1V per phase)
Digital input word widths supported	16-24bit
Digital input sampling frequencies	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz**, 192kHz
Audio output upsampling	Fixed 24-bit / 384kHz
Dimensions (H x W x D)	52 x 215 x 191mm (2.0 x 8.6 x 7.6")
Weight	1.2kg/2.6lbs

* Steep filter disabled, **Digital inputs 1 & 2 only

Cambridge Audio



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