

## 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

<b>Inputs</b>	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
<b>Audio Outputs</b>	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
<b>D/A converters</b>	Dual Wolfson WM8740 24bit DACs
<b>Digital filter</b>	Analog Devices ADSP21261 DSP upsampling to 24-bit/384kHz
<b>Analogue filter</b>	2-Pole Dual Differential Bessel Double Virtual Earth Balanced
<b>Frequency response</b>	20Hz to 20kHz (±0.1dB) *
<b>Output level (unbalanced)</b>	2.1V rms
<b>Output level (balanced)</b>	4.2V rms (2.1V per phase)
<b>Digital input word widths supported</b>	16-24bit
<b>Digital input sampling frequencies</b>	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz**, 192kHz
<b>Audio output upsampling</b>	Fixed 24-bit / 384kHz
<b>Dimensions (H x W x D)</b>	52 x 215 x 191mm (2.0 x 8.6 x 7.6")
<b>Weight</b>	1.2kg/2.6lbs

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

