

## Azur 851C Upsampling DAC / CD / Digital Pre-amp

Feb 2012



- Digital to Analogue Converter featuring S/PDIF and Toslink digital inputs, AES/EBU balanced digital input and USB audio inputs (all 24 bit compatible)
- CD playback
- Optional digital volume and channel balance control
- Balanced XLR and unbalanced RCA analogue audio outputs
- USB Audio input allowing streaming of up to 24-bit/192kHz audio from computer
- ATF2 audio up-sampling to 24-bit/384kHz
- Twin Analog Devices AD1955 24 bit DACs delivering superior sound-staging and stereo imaging
- Selectable digital filters – linear phase, minimum phase, steep
- Audiophile grade toroidal transformer delivering ultra-low low noise and distortion
- Full metal casework design with thick brushed aluminium front panel and dual layer damped feet, giving enhanced resonance control
- RS232 controllable
- Eco-friendly <0.5W Standby power consumption
- Azur Navigator remote control with Cambridge Audio amplifier and iPod dock control
- Available in black and silver finishes

## Detailed Specifications

<b>D/A converter</b>	Dual Analog Devices AD1955 24 bit DACs
<b>Digital filter</b>	Analog Devices Black Fin ADSP-BF532 32 bit DSP performing 2nd Generation ATF2 up-sampling to 24-bit/384kHz. Linear Phase, Minimum phase or Steep modes.
<b>Analogue filter</b>	2 Pole Fully Differential Linear Phase Bessel filter
<b>Digital Input 1</b>	S/PDIF 75 ohms or Toslink optical
<b>Digital Input 2</b>	S/PDIF 75 ohms or Toslink optical
<b>AES/EBU Input</b>	XLR balanced 110 ohms per phase
<b>USB Audio Input</b>	USB Type B conforming to Audio profile 1.0 or USB Audio profile 2.0 (user 1.0 or USB Audio profile 2.0 (user selectable))
<b>Analogue audio outputs</b>	Balanced XLR and unbalanced RCA analogue audio outputs
<b>Compatibility</b>	USB 1.0 16-24 bit, 32-96kHz USB 2.0 16-24 bit, 32-192kHz Toslink 16-24 bit, 32-96kHz S/PDIF and AES/EBU 16-24 bits 32-192kHz CD playback is intrinsically limited to 16-bits 44.1kHz
<b>Standby power consumption</b>	<0.5W
<b>Dimensions - H x W x D</b>	115 x 430 x 360 mm (4.5 x 16.9 x 14.7")
<b>Weight</b>	10kg (22lbs)

# Cambridge Audio



## Azur 851C Upsampling DAC / CD / Digital Pre-amp