

## Azur 851D Upsampling DAC/ Digital Pre-amplifier

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- Upsampling Digital to Analogue Converter featuring S/PDIF, Toslink, AES/EBU, BNC, USB Audio and Bluetooth inputs
- Digital audio pre-amp with optional digital volume and channel balance control
- Twin Analog Devices AD1955 DACs
- ATF2 audio up-sampling to 24-bit/384kHz
- Audiophile grade oversize toroidal transformer
- Balanced and unbalanced analogue audio outputs for superior connectivity
- USB audio input allowing streaming of up to 24-bit/192kHz studio master quality audio files from computer
- Selectable digital filters – linear phase, minimum phase, steep
- Supplied with BT100 Bluetooth receiver, allowing audio to be streamed and up-sampled from any paired aptX or A2DP Bluetooth device
- RS232 controllable
- Full metal casework design with thick brushed aluminium front panel and dual layer damped feet, giving enhanced resonance control
- Available in brushed aluminium black and silver finishes

## Detailed Specifications

<b>DAC</b>	Dual Analog Devices AD1955 24-bit DACs
<b>Upsampling</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>Digital Inputs</b>	S/PDIF, Toslink optical, BNC, AES/EBU, BT100 Bluetooth
<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. 1 1/4" / 6.35mm headphone output (supports 600 ohm headphones, however 300 ohms max recommended)
<b>Sample rates supported</b>	USB Audio1.0 16-24 bit, 32-96kHz USB Audio 2.0 16-24 bit, 32-192kHz Toslink 16-24 bit, 32-96kHz S/PDIF 16-24 bit, 32-192kHz BNC 16-24 bit, 32-192kHz AES/EBU 16-24 bit, 32-192kHz BT100 Bluetooth receiver: A2DP plus aptX
<b>Maximum power consumption</b>	40W
<b>Dimensions (H x W x D)</b>	115 x 430 x 360mm (4.5 x 16.9 x 14.7")
<b>Weight</b>	7.5kg (16.5lbs)



# Cambridge Audio Azur 851D DAC/ Digital Pre-amplifier