

**Features**

- 8 channel USB audio DAC
- Asynchronous USB transfer

**Hardware**

- XMOS USB audio chipset
- 8 channel analog output (RCA)
- AKM DAC chipset with 2Vrms out

**Software**

- Win/Mac/Linux compliant
- Compatible with Ipad Camera Kit

**Power**

- 5V DC input, Universal supply

**Applications**

- Stereo/5.1/7.1 HomeTheater
- Multiroom audio streaming

The U-DAC8 is a 8 channel asynchronous USB audio Digital to Analog interface (DAC). By combining the power of XMOS chipset with AKM DAC, the U-DAC8 achieves great audio performance in a small form factor. From basic surround audio format (5.1/7.1) to the latest immersive audio standards (multiple U-DAC-8), miniDSP makes multichannel streaming affordable & easy.

With Plug & Play support for Mac OSx and WDM/ASIO compliant drivers for Windows platform, the interface supports a wide range of sample rate (44.1~192kHz). On the analog side, the U-DAC8 has 8 channel unbalanced RCA connectors with up to 2Vrms output drive. The sturdy black metallic enclosure with mounting brackets is a perfect fit for an equipment rack or tucked away next to your computer.

**TECHNICAL SPECIFICATIONS**

Item	Description
USB Streaming engine	XMOS 16 core USB 2.0 full speed - USB Audio class 2.0 compliant
Capabilities	8 channel PCM output over USB
Drivers	Driverless interface for Mac OS X v10.6.4 and up Thesycon Windows driver provided for WDM/ASIO support Linux compliant when used with Alsa 2.0 driver
Resolution and sample rate support	24bit @ 44.1/48/88.2/96/176.4/ 192kHz
Analog specs	Max output level: 2Vrms Dynamic range: 103dB THD: 0.006% Output impedance: 560Ohms
Connectors	8 RCA unbalanced audio connectors, gold plated 1 x USB front panel connector
Mounting	Optional right angle brackets
Power supply	5Vdc external supply - 500mA requirement Universal supply provided with plugs for EU/UK/US/AU
Dimensions (H x W x D) mm	31 x 161 x 108 mm
Weight	500g

**MECHANICAL SPECIFICATIONS**