



Versatile High Performance USB Conversion

Our Transient MKII is a versatile asynchronous 24 bit/192k USB converter. The heart of the system is our XMOS based circuit utilizing extremely low-jitter clocks. Multiple digital outputs are available via isolated 75 ohm BNC (with included 75 ohm RCA adapter) and two individually buffered I2S outputs. The I2S outputs are configured in the most popular formats: The original format specified by Audio Alchemy (5 pin mini DIN connector) and the differential format specified by PS Audio (HDMI connector).

In addition to the digital outputs, Transient also provides Digital to Analog conversion. The conversion is done by a Wolfson circuit with a built-in high resolution volume control and 2V RMS output.

A microprocessor circuit allows configuration for fixed (line level) output, or variable volume control, and also indicates the sampling frequency of the incoming signal.

Highest quality parts are used throughout: Nichicon Muse & 2% tolerance polypropylene power supply capacitors, Takman resistors and WIMA polypropylene capacitors for signal circuits, and Canare BNC connector.

The shielded anti-resonant chassis is 1/8" thick T6061 aluminum with 3/16" thick front panel, and all hardware is non-magnetic stainless steel.

Power is provided by the USB cable making Transient completely portable. Our VDC-5 MKII Upgrade Power Supply can be connected to the DC Input port for improved performance.

Transient is plug-n-play with MAC OSX 10.6.4 and above (no drivers required) and a custom driver is provided for Windows XP/VISTA/Win7