

PURE 2

Mastering AD/DA Converter & Clock



Pure2 is a mastering-grade 24/192 kHz AD/DA 2-channel converter and master clock that includes a relay-controlled volume attenuator. It features Antelope Audio's world-renowned Acoustically Focused Clocking (AFC) technology, and also utilizes pristine analog circuitry, driven by a proprietary multi-stage linear power supply for unsurpassed digital clarity and analog realism.

The relay-based stepped attenuator allows for exceptional accuracy when monitoring through speakers, with perfect L/R balance, even at lower volume levels. A superb headphone amp features its own high-quality DA Conversion.

An intuitive software control panel for Mac or Windows provides users the ability to manage all facets of the device operation. Pure2 is also configurable via the front panel with user-definable presets.

Several Word Clock outputs ensure Pure2 can be the master clock for an entire studio. For those seeking the highest level of performance, the unit can also be locked to Antelope's legendary 10M Atomic Clock.

A flexible set of connectivity options like S/PDIF, TOSLINK, AES and USB provide abundant compatibility with other professional equipment.

Digital Clarity
Analog Warmth


Antelope
www.AntelopeAudio.com

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Pure2 consists of five ultra high-performance components:

- A/D converter with optimized overloads handling
- D/A converter with dual DAC architecture
- High-end headphone amp with a dedicated D/A converter
- Relay-based analog volume control for accurate monitoring
- Master clock with 4th generation of Antelope's AFC jitter management

A/D Conversion

The famous Burr-Brown (TI) A/D converter PCM4222 is unsurpassed in terms of sound quality and performance. Carefully optimized analog driver stage gently handles overloads, contributing to distinct analog sound and smoother clipping.

D/A Conversion

The main D/A conversion in Pure2 is designed with a dual DAC architecture, providing separate DAC chips for the left and the right channels. The dual DAC design tremendously enhances the signal-to-noise ratio and greatly improves stereo imaging.

Headphone Amp

The high-end headphone amp is powered by a dedicated D/A converter, allowing greater convenience and better routing flexibility. The separate DAC provides the option for monitoring a secondary source independent from the main outs.

Monitoring

Pure2 utilizes Antelope's high quality analog volume control. It features a stepped relay attenuator with 0.05 dB precision, providing optimal transparency of the monitoring through the main outs.

Master Clock

The conversion timing and the sync of all digital studio devices is kept stable by the 4th generation of 64-bit AFC jitter management and oven-controlled crystal oscillator. This is exactly the same technology used in Antelope's flagship master clock, Isochrone Trinity and the top-seller Orion32 AD/DA.



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