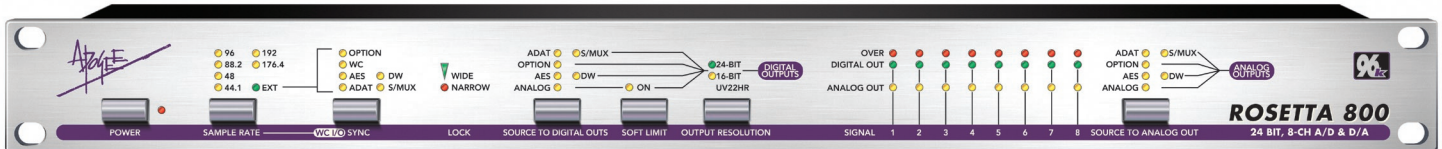


ROSETTA 800

8-channel, 24/96 AD/DA Converter (with optional 192k upgrade)



You gave us your list, we made you this.



Introducing the Rosetta 800...

Everything you asked for in an 8 channel, 24/96k converter, with the quality that only Apogee can deliver (optional 192k upgrade available).

The all-new Rosetta 800 takes the latest in high-definition digital and Apogee's most popular features and combines them in one impressive package. The Rosetta 800 gives you eight channels of superior AD/DA conversion at sample rates of up to 192k, Apogee's "SoftLimit", "UV22HR", and our advanced "Intellclock". The result is a premium digital recording solution that is economical enough for the project studio but built for the pro recording facility.

Legendary Apogee Conversion in High-Definition

The most crucial component in the digital recording environment is high-quality conversion and the most trusted and desirable converters are made by Apogee. With up to 96k standard and optional 192k sample rates, the Rosetta 800 combines Apogee's legendary conversion quality with flexibility that complements any digital audio workstation.

Firewire for Future Connectivity

Rosetta 800 has room for expansion. With the optional Firewire card installed (available later this year), you'll be able to connect the Rosetta 800 natively to any Firewire input device, without the need for additional hardware.

SoftLimit: Maximize Levels, Minimize Overs

One of the greatest difficulties in digital recording is getting an adequate level without clipping and unwanted distortion. With Apogee's SoftLimit, you can maximize digital output levels without overs.

UV22HR: Dither Down with 24-bit Detail

UV22HR is Apogee's industry standard technology for reducing the word-length of a high-resolution digital signal to 16 bits for the internet and CD mastering. UV22HR is also being employed to produce dramatically improved internet and computer audio content without increased file sizes or data rates.

Intellclock: Dual Stage Jitter Reduction

Another essential for outstanding digital recording is maintaining an ultra-low-jitter, clock signal. To accomplish this, Rosetta 800 utilizes Apogee's Intellclock. Intellclock is really two clocks in one. A fast-responding 'read' clock, with a wide locking range, fills a dedicated FIFO buffer, while an ultra-low-jitter 'write' clock writes the data out of the buffer, and is used to clock the converters.

Rosetta 800 Features & Specifications

- ▶ 8 channels of premium 24-bit AD/DA conversion
- ▶ 8 channels of AES, ADAT I/O
- ▶ Sample rates up to 96k with optional 192k upgrade
- ▶ Optional Firewire card for compatibility with OS X, and Windows XP
- ▶ "Soft Limit" for maximum digital level without overs
- ▶ "UV22HR" for superior dither to 16-bit
- ▶ Unique channel selection for flexible signal routing
- ▶ Advanced, dual-stage "Intelliclock"

Inputs:

- Analog In 1-8: Balanced, DSUB connector
- AES in: x 4, transformer balanced, DSUB connector
- Optical - ADAT/SMUX In: Toslink
- WC In: BNC 75 ohm

Outputs:

- Analog Out 1-8: Balanced, DSUB connector.
- AES Out: x 4, transformer balanced, DSUB connector
- Optical - ADAT/SMUX Out: Toslink
- WC Out: BNC 75 ohm

Specs:

- Sample rates: 44.1 - 48k, 88.2 - 96k (+/-10%); 176.4 - 192k (option)
- Frequency response: 10 - 20k (+/- 0.2 dB) at 44.1k
- Analog max levels: +6dBV, +20dBu, +24dBu max (set by internal jumper)
- Dynamic range: 114 dB A weighted (AD + DA)
- THD+N: -105 dB (AD), -103 dB (DA)
- Power: 90-250 VAC, 50-60Hz, 45Watt

Due to on-going development Apogee reserves the right to change all information and specifications without notice.

Rear Panel



For more info: 310 915.1000
www.apogeedigital.com/rosetta800



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