

THE MOST IMPORTANT LINK IN THE DIGITAL RECORDING CHAIN.

True 24-bit A/D conversion: The AD-8000 features true 24-bit accuracy and simply stunning technical specifications. Like -110 dB THD+Noise, 114 dB dynamic range. A frequency response that's flat from 20 Hz to 20 kHz ± 0.025 dB. No wonder the AD-8000 sounds so good.

UV22: There's nothing like Apogee's exclusive UV22 encoding process—taking your 24-bit digital signal and translating it flawlessly into the 20- or 16-bit domains. UV22 is standard in the vast majority of US mastering houses, and a great many hit records have been made with the process.

Soft Limit: Apogee's proprietary Soft Limit circuitry, available on every channel of the AD-8000, enables you to get more level on to tape without risking digital "overs". Per-channel indication shows when a signal is activating the Soft Limit circuit.

Advanced Metering System: The AD-8000 incorporates no less than six highly accurate bargraph metering modes offering simultaneous average and peak ballistics, with 2-second and infinite peak hold. The number of digital "Overs" is indicated, and can be set to clear automatically.

Calibration and Diagnostics: The AD-8000 is a breeze to set up and use. With comprehensive power-on diagnostics, non-volatile setup memory, a digital oscillator and a full range of calibration options accurate to within ± 0.05 dB, the AD-8000 is ready to use from the moment you power it up.

Digital Routing: With the AD-8000's unique digital routing matrix, choose sources and destinations for all your signals at the push of a silver button. AMBus slots with cards installed are identified for instant access. Combinations of analog and digital inputs may be selected simultaneously.



Sync Options: 44.1 and 48 kHz crystal-locked sample frequencies, plus "pull-up" and "pull-down" settings for video/film transfers. The AD-8000 "smart syncs" to any input signal, via Apogee's proprietary Low Jitter Clock, in the range 32 to 54 kHz—including video with the optional video sync card.

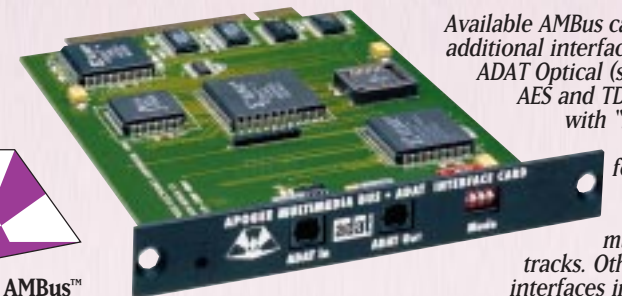
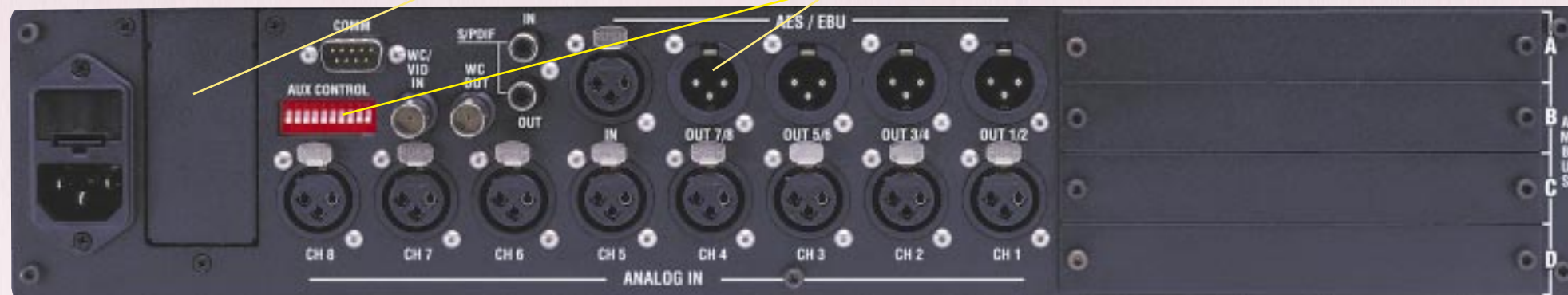
Option Card Slot: Install an optional 24-bit stereo D/A or even a full 24-bit, 8-channel D/A converter, engineered to the same exacting standards as the rest of the unit. With on-board D/A conversion, the AD-8000 may be all the converter you need!

Built-in Functionality: On-board AES/EBU and S/PDIF inputs and outputs, plus Word Clock I/O. Rear-panel DIP switches define pin 2/3 hot, analog/digital DC removal, "Over" definition, UV22 resolution (16/20 bit output), line levels (-10 dBV or $+4$ dBu, balanced or unbalanced) and other settings.

Format Conversion: All interfaces are available at all times, enabling you to use the AD-8000 as a powerful multi-channel digital format converter—a feature worth thousands on its own. Convert from any interface to all others simultaneously, whether they are inbuilt or on AMBus cards.

Built-in high-resolution D/A: Hear what's going to tape—and what's coming back!—via the on-board headphone amplifier with multi-step volume control, fed by a built-in stereo D/A. Selectable to audition pairs of channels. Optional stereo and 8-channel 24-bit plug-in D/A cards available.

Overdub (Destination) Mode: Any device connected to an AMBus card can be monitored while it is the output destination of the AD-8000, to permit overdubbing and confidence monitoring. The output of the selected card is also available at all other interfaces and any installed D/A card.



Available AMBus cards provide additional interfaces including ADAT Optical (shown here), AES and TDIF (Tascam), with "bit-splitting" technology for recording 20/24-bit signals on multiple 16-bit tracks. Other available interfaces include cards providing direct connection to a Pro Tools di6, d24 or DSP Farm card. Additional interfaces to follow*.

Look for the AMBus™ logo on Apogee-compatible products and interface cards

THERE'S NOTHING MORE IMPORTANT in the digital recording chain than the converter that takes your original analog input signal and converts it into digital information. The higher the quality of the A/D converter, the better the sound. It's as simple as that. So when we decided to create a new conversion system, we knew we had to listen — and listen hard.

Apogee's engineering team worked with Apogee's Advisory Board, which includes some of the top names in the industry. Each contributed ideas and suggestions from their own area of expertise: mixer/producer Bob Clearmountain; mastering maestro Bob Ludwig; top film

composer David Newman; producer Don Was; songwriter/producer Steve Kipner; guitarist Steve Stevens; and Tony Berg, producer/A&R at Geffen Records. And as each prototype left the lab, Board members submitted it to extensive listening tests, refining and optimizing the design.

The result was the **AD-8000** — a conversion system truly without parallel.

The **AD-8000** takes digital conversion to a whole new level. It's a true 24-bit converter, with 114 dB dynamic range and all the features you need. Whether you own the biggest studio in town, a leading post-production facility,

or have a project setup in your garage, the **AD-8000** was created with you in mind.

Every facet of the **AD-8000** was designed by industry professionals — from Apogee's proprietary UV22® and Soft Limit® to the multi-mode bargraph metering; from the innovative front panel to the four-slot AMBus card bay supporting virtually any interface.

Hear the Apogee advantage for yourself. Just visit your Apogee dealer and try out the **AD-8000**. You'll notice the difference immediately. Whatever your recording environment, the converter is the heart of your digital system. Now, with the Apogee **AD-8000**, an outboard converter is no longer an option. It's a necessity.

The AD-8000 8-channel 24-bit converter. From Apogee.

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*Some of the option cards described may not be available immediately. Ask your dealer for prices and availability.

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