



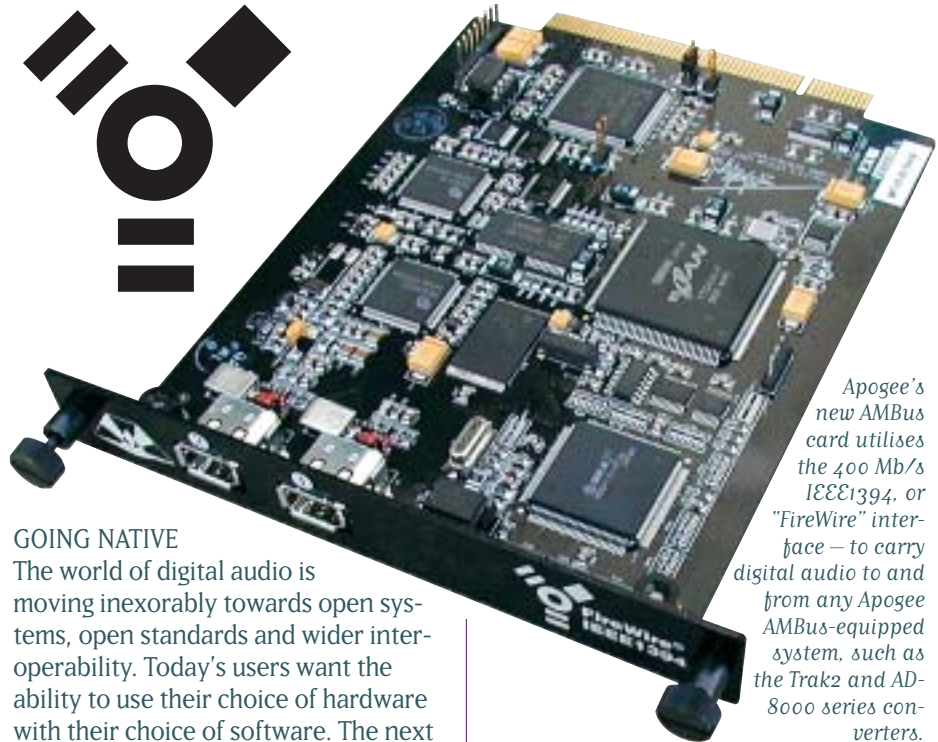
Apogee FireWire[®] IEEE1394 AMBus Card

for AMBus-equipped Apogee conversion systems

PRELIMINARY INFORMATION

FEATURES

- ◆ Direct FireWire connection between Apogee converters and your computer
- ◆ Card fits Trak2, AD-8000 series converters and future AMBus-equipped systems
- ◆ Eight bi-directional channels of digital audio per card; dual ports for daisy-chaining many more channels
- ◆ Low-latency ASIO drivers* allow operation with almost any recording/editing apps
- ◆ Apogee's implementation maximizes compatibility with other FireWire devices conforming to international standards
- ◆ Includes the widely-supported mLAN protocols.



Apogee's new AMBus card utilizes the 400 Mb/s IEEE1394, or "FireWire" interface – to carry digital audio to and from any Apogee AMBus-equipped system, such as the Trak2 and AD-8000 series converters.

GOING NATIVE

The world of digital audio is moving inexorably towards open systems, open standards and wider interoperability. Today's users want the ability to use their choice of hardware with their choice of software. The next big thing in digital audio is the Native System – opening new possibilities for building the system of your personal choice: a system more powerful and flexible than ever before.

THE FIREWIRE SOLUTION

Foremost in these developments has been IEEE1394, originally designed by Apple Computer, and commonly known as **FireWire**. The interface initially offers a data rate of 400 megabits per second, enough for dozens of audio channels at the highest sample rates in use in the industry.

Apogee makes you a part of this new digital audio revolution. We are pleased to announce the introduction of our new FireWire AMBus card. This card occupies a slot in our AMBus-

based products such as the *Trak2* and *AD-8000* series, in addition to future AMBus-equipped systems. It delivers the powerful new ability to connect an Apogee converter direct to your computer as the heart of a powerful native system. With low-latency ASIO drivers for leading operating systems, you are no longer restricted in your choice of hardware to go with your preferred software platform: virtually any system can benefit from Apogee quality!

FireWire is more than a fast data link between your computer and peripheral devices: it lets you build a complete network carrying both audio and control signals (and even digital video).





Apogee FireWire® IEEE1394 AMBus Card

The two ports on the Apogee FireWire card allow you to daisy-chain additional devices to create an entire system. By extending the bus, the FireWire card allows for daisy-chaining of multiple Apogee systems or compatible peripherals, and permits the use of multiple FireWire devices by computers with only one port. The card also passes power through the FireWire ports to allow the powering of additional devices.

Because the Apogee FireWire card supports emerging international standards, you can interconnect any components, from any manufacturer, that support those standards. And as the standards develop, we will be updating our FireWire technology accordingly, making it easy for Apogee owners to stay abreast of the technology. Apogee is the first manufacturer to commercially implement these standards.

Apogee offers the features of the true FireWire standard that are required for professional audio operation, such as low jitter, accurate synchronization, lowest possible latency, interoperability and other benefits.

mLAN COMPATIBILITY

Apogee has partnered with Yamaha to implement the mLAN protocol for transmitting high-quality digital audio, MIDI and control data over IEEE1394, which is currently going through the standards approval process. A growing number of manufacturers are mLAN licensees. Inclusion of the mLAN protocol gives Apogee products full connectivity and interoperability with other such equipment, and thus meets Apogee's goal of supporting maximum choice and flexibility for Apogee owners.

The card makes Apogee's existing and future AMBus-equipped conversion systems, including the popular AD-8000 system, the acclaimed Trak2 and other devices, compatible with the vast majority of native systems.

Apogee's FireWire AMBus card allows a direct computer connection between a wide range of DAW, recording and editing applications on all the major computer platforms, and the Trak2 (shown here), AD-8000 and future AMBus-equipped Apogee systems.



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apogee digital • santa monica, ca www.apogeedigital.com ☎ +1 310.915.1000 📠 +1 310.391.6262

