# PCI24

**Streamlined card for high-quality jobs.**

Here is a superb way to transfer digital audio to and from your Windows and Macintosh PCI-bus computers. This PCI-bus plug-in card lets you make direct digital connections from your computer to a DAT machine, outboard A/D and D/A converter, sampler, or any other digital audio device with industry-standard prosumer S/PDIF ports or professional AES/EBU ports. And the PCI24 comes bundled with a free copy of Sound Forge XP4.5, the popular audio editing software.

## PCI24 Key Features

- AES/EBU and S/PDIF digital I/O
- 48kHz, 44.1kHz, and 32kHz sample rates, with real-time sample rate conversion on inputs
- Compatible with Lucid ADA1000 or any outboard A/D and D/A converter, including DAT machines and CD players
- Works with PCI bus-equipped Macintosh and Windows computers
- Supports a wide variety of popular software applications
- Bundled with a free copy of Sound Forge XP4.5 audio editing software for Windows systems
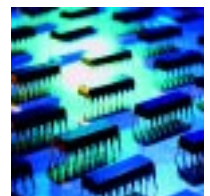
**Direct digital transfer.**
With the PCI24, your signals remain in the digital domain as you transfer them in and out of your computer. This card was designed to work with outboard converters like our AD9624, DA9624, and ADA1000, so A/D and D/A conversion is external to the computer. As a result, you get high-resolution sound free of the noise and distortion found in cards with converters on-board.

**Wide-ranging compatibility.**
The PCI24 integrates seamlessly with a wide variety of leading audio editing, mastering, and music sequencing software. We continually upgrade the card's software drivers to ensure that they work with new software releases. For an up-to-date list of supported applications, please visit our Web site at **www.lucidtechnology.com.**

**Flexible enough for many frequencies.**
The PC124 supports sample rates of 48kHz, 44.1kHz, and 32kHz, and it can convert a 48kHz input to 44.1kHz on the fly. What's more, it can up-sample input rates as low as 8kHz to 32kHz, 44.1kHz, or 48kHz. And its user-selectable output (playback) sample rates include 32kHz, 44.1kHz, and 48kHz.

## **PCI24** Digital Audio I/O Card

Digital I/O connectors:
*AES/EBU ¼'' TRS and S/PDIF
(RCA/coaxial)*

Input dynamic range: *120dB*

Output dynamic range: *144dB*

Input sample rates:
*32kHz, 44.1kHz, and 48kHz*

Output sample rates:
*32kHz, 44.1kHz, and 48kHz*

Sample rate conversion
(digital input only):
*Input range 8kHz - 48kHz
converted to 44.1kHz or 48kHz*

Size:
*Conforms with the Apple short
PCI card specification*

### System requirements

Power Macintosh with an available
7" PCI slot

CPU speed greater than 75MHz for
stereo applications and greater than
120MHz for multi-track applications

16MB RAM (32MB recommended)

Mac OS 7.5.5, 7.6.1, or 8.0

Sound control panel 8.0.3 or greater

### Compatible software

Macintosh systems:
*Peak from BIAS v1.0 – 2.0*
*SoundEdit 16 v2.01 – 2.07*
*Cubase VST (ASIO) v3.02 – 4.0*
*Deck II v2.2 – 2.6.1*
*Opcode Vision DSP (ASIO) v4.1*

PC systems:
*Sound Forge 4.5 and XP 4.5*
*ACID*
*Cubase VST v3.6*
*Wave Lab v2.0*
*Cakewalk Pro Audio v8.0*

Check our website at
**www.lucidtechnology.com**
for compatibility with later
software versions.

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