

Aark24 Professional Interface:

Converters: 24 bit A/D D/A Shielded Outboard
THD+N: .002% @ 1kHz
Dynamic Range: 100 dB, A-weighted
Frequency Response: 7Hz-22KHz, +/- .5 dB
Analog Inputs: Eight 1/4" connectors: +4dBu/-10dBv Switchable (Bal/Unbal)
Analog Outputs: Eight 1/4" connectors: +4dBu/-10dBv Switchable (Bal/Unbal)
Digital I/O: S/PDIF (RCA), TOSLINK (optical), ADAT (optical)
• Optional: TASCAM TDIF In/Out, 8 channel format
• Optional: AES/EBU (XLR)
MIDI I/O: MIDI In/Out (5-pin DIN)
Sync I/O: Word Clock In/Out (BNC), ADAT SYNC (9-pin) Machine Control, S/PDIF In/Out (RCA), TOSLINK In/Out (optical), ADAT In/Out (optical)
Modes: Full Duplex Simultaneous Record/Play
Expansion: Up to any four (4) Aark cards can be used simultaneously in one PC

Aark PCI Host:

Card Type: PCI architecture, 5" length
On Board DSP: 24 Bit, 80 MIPS, Motorola 56301
Connections: 6' length, custom 25 pin shielded cable

Control Panel:

Sync Selection: Internal 44.1, 48, 32, Ext. WC (30-50KHz), S/PDIF, TOSLINK, ADAT
Sample Rate Meter: Displays Sample Rate of System Clock
Calibration Signals: All Outputs can Generate Silence or -12dB Tone for Calibration
Input Meters: Eight Digital Input Meters with Peak Hold and Reset
Assignable Meter: One Stereo Meter Assignable to any Input, Playback or Monitor Sub-mix
Monitor Mixer: Sub-Mixes Input and Playback Tracks w/ Level and Pan Controls
Digital Router: Route and Input, Playback, Monitor, Tone or Silence to any output
Device Drivers: Full Duplex Device Drivers for Windows 95/98 and ASIO
Application Status: Shows if Card and Application are Recording, Playing, Paused or Available
PCI Efficiency: Percentage Display Shows Efficiency of Computer's PCI Bus

Minimum System Requirements:

- Pentium running Windows 95/98
- 64 MB RAM
- One available PCI slot

The Aark 24 Package Includes:

- Aark 24 (Outboard Converter Interface)
- Aark 24 Host Card (PCI Card w/ DSP)
- Custom 25-pin Shielded Cable
- Software Control Panel
- Aark24 Manual
- Windows 95/98 and ASIO Drivers
- Multichannel Recording Application and Effects**

** For updated software bundle check out our website:

www.aardvark-pro.com/Aark24/software

Extra Shielding

The Aark 24 not only shields all the converters in the custom breakout box, but we went one step further and carefully shielded everything in the computer too. This guarantees your audio is perfectly guarded against the harmful noisy environment inside the PC. No other hardware system goes this far to give you perfectly quiet audio.



Powerful DSP Engine

The heart and soul of the Aark 24 is the powerful Motorola 56301 DSP Engine that comes with each Aark 24. This DSP handles all the software extras in the Control Panel that are included like digital peak metering, mixing, panning, level control and the flexible output router. It also keeps tabs on multiple Aark 24 units when they're in the same PC.

The Aark 24 Package Includes:



Optional Accessories:



Aark24



PROFESSIONAL 24 BIT MULTITRACK HARD DISK RECORDING SYSTEM

Amazing 24 Bit Sound!

The heart of any professional Digital Audio Workstation lies in its sound quality. For years Aardvark's low-jitter clocks have made high-end workstations around the world easier to use while at the same time providing those same studios with the 24-Bit accuracy they need to stay on the top of the charts.

The Aark 24 delivers all you've ever dreamed in a PC workstation powerhouse without compromising you, the musician. You want all the features and power of a truly professional workstation but don't want all the headaches and cost. You want an easy to use and reliable setup but still want nothing less than 24-bit resolution that will knock your socks off. If these are the things you want, then there's only one thing you need.

The Aark 24 has the guts of a professional workstation that delivers phenomenal 24-bit sound. Yet it has the creativeness and simplicity of a musician that just wants to play music on his PC without ripping his hair out. Allow us to proudly introduce to you the only sophisticated hard disk recording system that fits into your studio so perfectly, you're tempted to name your pet after it.

Premium 24 Converters

You'll be glad to know Aardvark has years of experience in designing cutting edge converters. The Aark 24 not only has eight of the best sounding 24-Bit A/D & D/A converters available, but they're complimented by top of the line Op Amps, clocks and filtering to get the full 24 bits of audio. Add to that the fact that everything is perfectly shielded from computer noise and you shouldn't be surprised when you're blown away by the music. Beware: You just might be anyway.

Balanced 1/4" Jacks

These professional 1/4" TRS jacks are the gateway to your 24-Bit workstation and believe me, they won't let you down. You can use all eight channels to record and play at the same time and easily switch between +4 dBu and -10 dBv right from the software. It comes with everything you need for real-time monitoring and DSP mixing which makes professional recordings with the Aark 24 a breeze in almost any studio.

ADAT Sync

The proprietary ADAT Sync in Alesis's own custom sync format, perfectly integrates within the Aark 24's internal synchronization. So doing overdubs and digital transfers with your ADAT has never been easier.



ADAT Optical

Not every interface that sounds as good as the Aark 24 also gives you the digital multitrack power of the Alesis ADAT. You can easily interface any digital mixer or ADAT directly to your PC without ever going back into the analog domain or forcing your multitrack digital transfers down to two channels. The Aark 24 fully compliments your studio by instantly giving it the power of the Alesis ADAT.

TOSLINK

The Aark 24's fiberoptic jacks are software switchable to accept the popular two channel TOSLINK format as well. This opens the door to flying in tracks optically from DATs and CD players and even allows you to edit your Sony MiniDisc tracks so you can record in the field and then master & edit back home on your PC.

MIDI

The standard MIDI interface means your software sequencer is now a perfect companion in the studio. The MIDI interface slaves your keyboards and drum machines without needing an extra PCI slot and another MIDI card. The Aark 24 is true Plug-and-Play system so your MIDI and audio files work perfectly in sync.

Word Clock

Aardvark's legendary reputation for rock-solid sync is now available on the Aark 24. This guarantees seamless audio editing with digital mixers and DATs and also lets you stack up to four (4) Aark 24 units in the same PC for 32 channels of perfectly synchronous audio. It's already set to expand with you as your digital project studio turns professional.

S/PDIF

The digital S/PDIF format gives you a high-resolution digital connection to DATs and CD players with up to 24-bit precision, which is perfect for professional recordings and CD Mastering applications. You can flawlessly dump stereo tracks to DAT or load in your favorite CD's without any loss of audio quality or resolution.



DSP Powered Control Panel



The full featured Aark 24 Control Panel has everything you would need or expect in a professional system. It's completely powered by the DSP engine on the PCI card so all these extra features like digital peak metering and real-time monitoring won't slow down your computer.

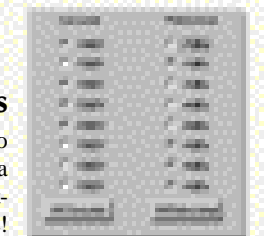
Assignable Stereo Monitor Bus

This lets you monitor any input or playback track with the click of a mouse. You can even mix, pan and level control each track independently as your tracking or recording to disk!



Digital Patchbay and Router

The Aark 24 output routing is a real hidden gem. You can route anything to anywhere without ever touching a physical cable. This makes it a breeze to send tracks to DAT, monitor inputs or even generate a 1 kHz test tone for level setting!



Switchable I/O Levels

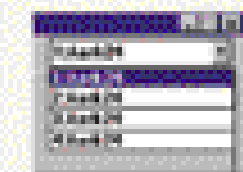
Switch from Pro +4 dBu to Consumer -10 dBv, either one at a time or change all 8 inputs and outputs at once!



Computer Analysis

A complex algorithm tests your computer so you know immediately how many tracks you'll get, and if adding more RAM to your PC will help!

Four (4) Aark24 Units



You can stack up to 4 Aark 24 units together for 32 channels of fully synchronous 24 Bit I/O. You'll need 4 complete systems and then you've got 4 powerful DSP engines for 32 tracks of audio!

For updated Aark 24 Control Panel info check out:
www.aardvark-pro.com