

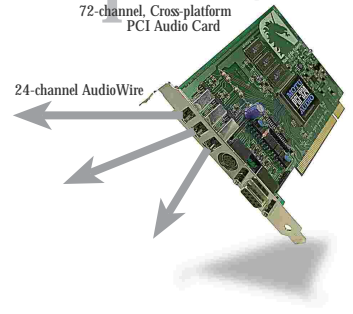


2408mkII audio interface

24 channels of ADAT and Tascam i/o with analog and S/PDIF

PCI-324

72-channel, Cross-platform
PCI Audio Card



Feature Highlights

- Seven 8-channel banks of I/O connectors with 24 simultaneous inputs/outputs at a breakthrough price: \$995 for a core system and \$695 for the expansion I/O.
- Expandable to 72 active inputs/outputs — Use as many as host software & computer allow.
- Mix and match with other MOTU audio interfaces.
- 24-bit analog converters — Provides 24-bit recording “right out of the box”.
- 24-bit digital I/O — Allows 24-bit recording via 24-bit hardware (mixer, preamp, FX processor, or other device) connected digitally.
- Flexible, reliable synchronization — Provides word clock, ADAT Sync and Digital Timepiece Control Track sync for Tascam.
- Sample-accurate — Achieves sample-accurate round-trip digital transfers between ADATs, DA-88s and the computer.
- Provides stand-alone format conversion — transfer any audio format to any other, up to 24 channels at a time.
- 8 balanced +4dB 1/4-inch TRS analog inputs/outputs with 24-bit converters.
- 2 additional stereo 1/4-inch main outs.
- 24 channels of ADAT optical input/output.
- 24 channels of TDIF (Tascam digital) input/output.
- Stereo S/PDIF in/out.
- Extra stereo S/PDIF output — easily mix to DAT without having to swap S/PDIF cables.

A hard disk recording breakthrough

The 2408 audio interface turned the industry's expectations for computer-based hard disk recording upside down, and now the enhanced 2408mkII has done it again. At this price, no other audio interface even comes close to the 2408mkII's remarkable combination of high-end features and raw number of simultaneous inputs and outputs. The 2408mkII gives you everything you need to make professional multitrack audio recordings. And it also gives you many high-end features that, until now, would have cost you thousands.

Core system or expansion I/O

The 2408mkII can be purchased either as a core system or as an expansion I/O for any other MOTU core system. The core 2408mkII system includes the PCI-324 card, the 2408mkII one-rack space audio interface, a 12-foot cable to connect them, software drivers for both Mac OS and Windows, and a complete audio workstation software package for Mac OS called AudioDesk™. The expansion I/O consists of the 2408mkII audio interface and cable.

The most I/O for your money

Other systems — even ones that cost thousands of dollars — usually offer 8 to 16 channels in a core system. The 2408mkII gives you 24

simultaneous inputs/outputs for under \$1,000.

But the one rack-space 2408mkII interface actually provides seven banks of 8-channel I/O: you can connect 3 ADATs, 3 DA-88s, 8 analog devices, and a S/PDIF device all at the same time and access any three banks — in any combination of formats — at any time. How does the 2408mkII do all this I/O at this price? While other companies rely on stock DSPs for I/O processing, we've developed a custom chip, supercharged for massive I/O.

24-bit recording

The recently enhanced 2408mkII interface, which replaces the original 2408 at the same great price, offers true 24-bit recording and playback via eight balanced +4dB gold-plated quarter-inch TRS input and output jacks. And because the 2408mkII has a 24-bit internal data bus, it is fully capable of doing true 24-bit recording via its digital inputs as well. Either way, the PCI-324 card transfers the 24-bit audio to your computer into AudioDesk, the included workstation software for MacOS, or any 24-bit capable host application that supports Sound Manager, ASIO or a standard Windows Wave driver. You can also record 24-bit audio via the 2408's stereo S/PDIF input. If you need to do 24-bit recording, the 2408mkII is ready.



“This level of sync is extremely rare among computer interfaces and even among high-end digital workstations.”

—Keyboard Magazine

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Sample-accurate digital audio transfers

The 2408mkII system is still the only one to achieve sample-accurate digital audio transfers with both ADAT and Tascam digital tape decks. Using AudioDesk or Digital Performer, you can transfer audio between the computer and your MDMs as many times as you like, and the audio won't drift even by as little as one sample. With ADATs, you don't even need a synchronizer. With DA-88s (or any compatible tape deck), sample-accurate sync can be achieved with a MOTU Digital Timepiece Universal synchronizer.

Other systems introduce timing inaccuracies every time they transfer. Not the 2408mkII. AudioDesk and Digital Performer serve as a completely transparent extension of your tape decks. You can fly audio back and forth freely and never have to worry about generation loss or sync issues of any kind. AudioDesk's main time counter can display samples, so you can see exactly at which sample audio is located. You can even nudge audio regions one sample at a time. If you have ADATs or Tascam tape decks, the 2408mkII is your best choice for digital transfers to and from the computer.

The 2408mkII: a perfect companion for Pro Tools

The 2408mkII system is designed for serious work, and chances are, you'll need to collaborate with a Pro Tools-equipped studio or client at some point. The 2408mkII system has you covered with special project transfer features. Just consider the following scenario: let's say that you've got a project — maybe 24 tracks worth of ADAT material — that you need to edit extensively and then remix in a Pro Tools/TDM facility. You digitally transfer the three-ADAT's worth of material into AudioDesk via the 2408mkII. You then edit the audio extensively, cutting, pasting, trimming, nudging by samples, and transferring audio in and out of the ADATs with single-sample accuracy as needed. You may also be working to picture, either resolving your 2408 system to video or going random-access with digital video. When you're done, you simply export the project from AudioDesk (using the Save As command), convert it with Digidesign's OMF Tool utility, and then import it into your Pro

Tools software. (If you're using Pro Tools PowerMix, you don't even need any Digidesign hardware in your computer.)



All tracks are transferred, including all of their placed audio regions, along with any crossfades you may have created in AudioDesk. You can then touch up the resulting Pro Tools session while monitoring it in stereo through your 2408mkII hardware (via the 2408mkII's Sound Manager driver). Finally, you copy the Pro Tools files to a portable hard drive and carry them in-hand to your next Pro Tools session. The 2408mkII system is an ideal, cost-effective way to prepare for Pro Tools sessions.

The 2408mkII as a stand-alone format converter

There's even more to the 2408mkII audio interface. If you turn off your computer, it acts as a stand-alone audio format converter. You can convert audio from any one of its formats to any other, in banks of 8 channels. For example, if you connected three Alesis ADATs and three Tascam DA-88s, you could transfer three tapes (24 channels) from one format to the other in one pass. With this number of channels and audio formats, at this price, the 2408mkII is a major breakthrough — just as a format converter!

Specifications

- 8 balanced +4dB analog TRS inputs/outputs with 24-bit converters
- Analog inputs are switchable to -10dB
- 2 additional stereo 1/4-inch main outs
- 24 channels of ADAT optical input/output
- 24 channels of TDIF (Tascam digital) input/output
- 2 channels of S/PDIF in and 4 channels out
- 16-bit and 24-bit recording at 44.1 or 48 kHz
- ADAT sync input
- Word clock in and out
- Digital Timepiece Control track input

