308 audio interface
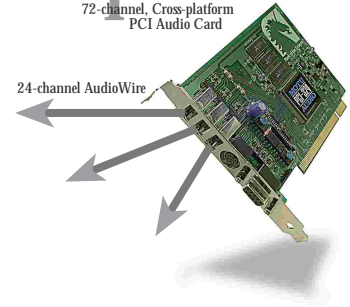*24*-channel, multi-format digital audio interface

24-channel AudioWire

Feature Highlights

- *24 simultaneous channels of digital input and output.*

- *8 channels of AES/EBU input and output (4 stereo pairs)*

- *8 channels of S/PDIF RCA "coax" input and output (4 stereo pairs)*

- *8 channels of S/PDIF optical "TOSLink" input and output (4 stereo pairs)*

- *Expandable — connect up to three 308 rack I/Os to a PCI-324 audio card for a total of 72 inputs and outputs.*

- *100% compatible with the 2408 and 1224 — mix and match 308, 1224 and 2408 I/Os (up to three at once) to meet your exact I/O needs for up to 72 simultaneous inputs and outputs.*

- *Word clock in and out — resolves to video, SMPTE timecode or any other external time base via a MOTU Digital Timepiece or other standard digital audio synchronizer.*

- *Compatible with all major Macintosh and Windows audio software applications.*

Digital I/O for today's digital studio

The 308 is a multi-format digital audio interface designed for use as an expansion I/O for an existing MOTU Audio core system, such as the 1224 or 2408. The 308 provides 24 simultaneous channels of input and output via three popular digital audio formats (optical S/PDIF, RCA S/PDIF and AES/EBU). The 308 is the perfect interface for anyone who requires compatibility and instant access to an assortment of professional and semiprofessional digital formats.

Expansion

The 308 can be purchased as an expander for any MOTU core system. The 308 uses the same PCI-324 card that we introduced with the 2408. You can connect up to three audio interfaces to a PCI-324 in any combination of 2408s, 1224s and 308s to create a system that fits your needs.
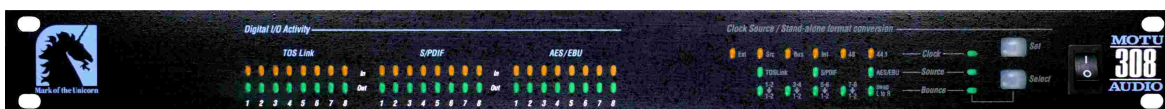
An ideal companion for the 2408 or 1224

The 308 adds 24 channels of digital audio to your MOTU Audio System. Use the 308 for instant multichannel compatibility with popular studio formats. Keep your outboard effects and digital samplers patched digitally into your computer at all times. It is a snap to route the output via the PCI-324 Console Software or front panel editing buttons.

Stand-alone audio format conversion

Like the 2408, the 308 can function as a stand alone digital format converter without turning on your computer. Choose any format as the source, and the 308 converts it to all three of its output formats, 8 channels at a time. Front panel controls allow you to route any input channel (or stereo pair) to any other channel (or pair).

Metering

The 308's front panel provides dedicated signal present LEDs for every input and output so you can tell at a glance where audio is going in your system.

Front panel power switch

Useful in the unlikely event you wish to turn off your 308. But MOTU Audio interfaces are hot swappable. This means you can power off, plug-in, add and remove interfaces without turning off your computer or your other MOTU audio interfaces. In fact, adding a 308 is as easy as plugging in an Audiowire cable.

Optical S/PDIF (TOSLink)

Eight stereo optical S/PDIF connectors (4-in, 4-out) provide eight channels of input and output via the optical S/PDIF format.

RCA S/PDIF (coax)

Eight stereo S/PDIF RCA connectors (4-in, 4-out) provide eight channels of input and output via the S/PDIF format.

AES/EBU

Eight stereo XLR connectors (4-in, 4-out) provide eight channels of input and output via the professional AES/EBU format.

Word clock

The 308 interface provides industry standard word clock input and output at 44.1 or 48kHz. The word clock input allows the 308 to synchronize smoothly with today's digital audio studio. The word clock output can be used as a master clock to drive other digital devices in your studio, such as a digital mixer.

Audio Wire

Our proprietary Audio Wire format was first introduced with the 2408. It is a high-bandwidth digital audio format capable of carrying up to 24 channels of 48 kHz digital audio in and out of the computer at the same time.

Power supply

Like all MOTU hardware products, the 308 comes with an internal power supply and standard detachable IEC power cable. No wall warts or line lumps.

Specifications

- *Eight channels of optical S/PDIF input and output*
- *Eight channels of RCA S/PDIF input and output*
- *Eight channels of AES/EBU input and output*
- *16, 20 and 24-bit recording at 44.1 or 48 kHz*
- *Word clock in and out*
- *AudioWire connector for PCI-324 audio card*