

192 Digital I/O

24-Bit/192 kHz Multi-Channel Digital Audio Interface

M | W
Mac OS | Windows

FEATURES

- Supports up to 16 simultaneous channels of AES/EBU I/O at 96 kHz
- Supports up to 8 simultaneous channels of AES/EBU I/O at 192 kHz
- Extremely flexible digital I/O: 16 channels of AES/EBU, TDIF, ADAT I/O; 2 add'l channels of AES/EBU or S/PDIF digital I/O; 8 add'l channels of ADAT optical or 2 channels of optical S/PDIF I/O
- Switchable, real-time sample rate conversion on digital inputs allows easy streaming of digital signals at any sample rate
- Word (1x) and Slave Clock (256x) input/output
- Expansion Port allows for direct connection of another 192 Digital I/O, 192 I/O or 96 I/O
- Legacy Peripheral Port allows for connection of 888|24, 882|20, 1622, or 24-Bit ADAT Bridge I/Os*

* At 48 kHz or lower sample rate

The new Pro Tools® | HD system offers professionals a comprehensive and completely flexible solution for music, post production, broadcast and multimedia applications. Embodying the ideal all-digital interface to Pro Tools | HD is the 192 Digital I/O™ — a high-definition, 24-bit/192 kHz-capable, multi-channel audio interface specifically designed to facilitate digital input from a variety of sources into the Pro Tools | HD environment.

An alternative to the 192 and 96 I/Os, 192 Digital I/O features a wide range of digital I/O options to choose from, including up to 16 channels of AES/EBU, TDIF and ADAT I/O, along with S/PDIF I/O. In addition to its flexible digital interfacing capabilities, 192 Digital I/O features Word Clock I/O, an Expansion Port to connect additional 192 and 96 I/Os, and a Legacy Peripheral Port to accommodate previous-generation Digidesign® interfaces such as the 888|24,™ 882|20™ and 1622 I/Os.™

NEW HIGHER SAMPLE RATE SUPPORT

In designing the Pro Tools | HD environment, a primary goal was to offer a comprehensive spectrum of sample rate alternatives to accommodate any given application. As a result, Pro Tools | HD supports 192, 176.4, 96, 88.2, 48, and 44.1 kHz sample rates, allowing users to develop new projects with the greatest clarity, as well as to work with less-refined audio. The comprehensive sample rate support and 24-bit resolution you get with 192 Digital I/O allow you to work with all digital formats at the full range of their currently supported sample rates and bit depths. And, with 192 Digital I/O, it's not only easier than ever to work with the latest standards in the world of professional audio production — you're also well-equipped for the emergence of future standards.

MORE DIGITAL I/O OPTIONS

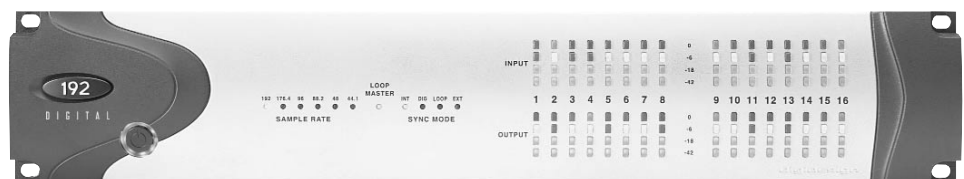
The opportunity to take full advantage of outboard digital equipment of all kinds has never been as extensive as it is with 192 Digital I/O. Stand-alone recording and/or mixing devices, DAT or other digital tape-based peripherals, and higher-end electronic instruments are all equally fair game, making their inclusion in your Pro Tools-based projects seamless and painless.

With 192 Digital I/O, you get 16 channels of single-wire AES/EBU I/O (up to 8 channels of dual-wire AES/EBU I/O at 192 kHz), 16 channels of TDIF I/O (up to 48 kHz), 16 channels of ADAT I/O (up to 48 kHz), and two additional channels of AES/EBU or S/PDIF I/O (up to 96 kHz). Access to Word Clock I/O is also featured on the rear of the unit to keep your interfaces in tight synchronization with one another.

What's more, the digital inputs on the digital I/O cards can utilize the on-board sample-rate converter chips for hardware-based sample-rate conversion, allowing you to stream digital signals — at any sample rate — into your Pro Tools session. For example, one can stream audio from a TDIF-compatible device operating at 48 kHz sample rate right into a 192 kHz Pro Tools session in real-time for further live mixing or processing.

FASTER, FLEXIBLE CONFIGURATIONS

Pro Tools software supporting Pro Tools | HD systems incorporates a new auto-identification and auto-configuration scheme initiated upon launch of the application. This eliminates the need to manually declare which interface is being used with each HD Core™ or Process™ card, making installation, reconfiguration and system setup faster and easier than ever.



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Several other features native to 192 Digital I/O further expand your options. Loop Sync I/O enables you to use a dedicated clock signal to keep all Pro Tools|HD hardware units in synchronization, working in tandem with the included Word (1x) and Slave Clock (256x) I/O. An Expansion Port and a Legacy Peripheral Port allow you to incorporate both additional HD and MIX interfaces into your configuration, making expansion a breeze while simultaneously validating your previous and future investment in Pro Tools gear. An additional 16 channels of I/O can be added via each of these ports; of those 32 possible channels, 16 can be accessed simultaneously. This kind of fluid integration — including its quick, simple addition to existing HD systems — ensures that 192 Digital I/O complements your studio and your desired end result as effectively and efficiently as the other members of the Pro Tools|HD family.

MORE BANG FOR THE BUCK

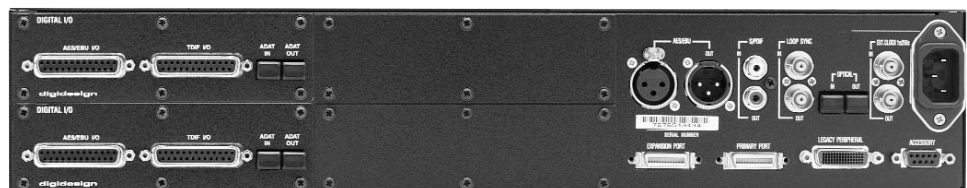
The performance and adaptability of 192 Digital I/O is beyond compare. With I/O capacity and options like those of no other, 192 Digital I/O is one of the most unique audio interfaces on the market. And, with a very reasonable list price, Digidesign continues to raise the bar for bringing professionals the most innovative, powerful and flexible tools for audio production at the most competitive prices possible.

SYSTEM REQUIREMENTS

Digidesign-approved Pro Tools|HD system.

For the latest Digidesign product information and system requirements, visit www.digidesign.com.

For the latest Development Partner plug-in and software compatibility information, visit www.digidevelopers.com.



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