

# Pro Tools | HD

## High-Definition Audio Production System



### FEATURES

- Increased sample rate support — up to 192 kHz
- Next-generation dedicated hardware performance combined with host-based processing capability for ultimate power and flexibility
- Guaranteed support for up to 128 simultaneous audio tracks\* with no stress on the computer
- World-class, high-resolution audio interfaces, each offering a wealth of analog and digital connections and unmatched price/performance
- A complete professional audio solution, including audio interfaces, synchronization, MIDI, mic preamp peripherals and more
- Expandable DSP power and I/O capacity
- Support for up to 96 channels of I/O
- Three core system sizes are available for diverse needs and applications
- Includes TDM II, Digidesign's new bus architecture design, providing support for extremely large mixing configurations

\* 96 tracks with Pro Tools | HD 1 systems

In the world of audio production, Pro Tools® has grown to become the digital audio workstation of choice for professionals working in music, post-production, broadcast and multimedia. Now, with a Grammy for Excellence in Technical Achievement for Pro Tools | 24 MIX systems, Digidesign® is once again pushing the envelope in the world of digital audio. Artists, engineers, mixers and producers, brace yourselves for the best sounding, most powerful Pro Tools system ever: **Pro Tools | HD**.

Representing a synthesis of our latest technology, Pro Tools | HD empowers professionals with an extremely competitively priced high-definition audio production workstation. Along with support for increased sample rates, Pro Tools | HD features twice the DSP-based mixing and plug-in processing power as Pro Tools | 24 MIX systems, offers a substantial increase in track count and I/O capability, increased routing flexibility, and much more.

### NEXT GENERATION PERFORMANCE

With Pro Tools | HD, Digidesign brings you our most sophisticated digital audio workstation ever — once again breaking previous price/performance barriers.

Perfect for working with the latest standards, Pro Tools | HD brings you the next generation in audio performance, with all-new audio interfaces and peripheral options, support for up to 192 kHz sample rates and more — all at the most competitive prices possible.

### MAMMOTH POWER

Pro Tools | HD offers serious power advantages over our Pro Tools | 24 MIX systems. And, if you need more power, remember that you can easily expand by adding additional HD Process™ cards to increase the dedicated DSP-based mixing and processing power of your system. With Pro Tools | HD, you can also take advantage of the native power of your computer with RTAS™ and HTDM™ plug-ins.

### HIGHER TRACK COUNT AND I/O CAPACITY

Pro Tools | HD supports extremely large mixing configurations — making this system great for taking advantage of the comprehensive surround

mixing features in Pro Tools software. Pro Tools | HD 1 systems (single card system) provide support for 96 simultaneous audio tracks, while Pro Tools | HD 2 and Pro Tools | HD 3 systems (two and three card systems) support up to 128 simultaneous tracks — with no stress on the computer. Pro Tools | HD also supports up to 96 channels of I/O with Digidesign audio interfaces.

### THE SYSTEMS

Pro Tools | HD core systems are available in three sizes to accommodate diverse needs: Pro Tools | HD 1, Pro Tools | HD 2, and Pro Tools | HD 3. Each Pro Tools | HD system requires at least one of the new audio interfaces, such as the 192 I/O or the 96 I/O, and supports the use of legacy Pro Tools audio interfaces for additional inputs and outputs. All Pro Tools | HD systems come with the latest Pro Tools software, and are modular in nature — allowing you to expand at any time as your needs grow.

Pro Tools | HD 1 features the HD Core™ card — the central hub of the HD environment. This PCI card features twice the power of our MIX Core™ card, supports up to 32 channels of I/O with Digidesign audio interfaces, and features a host of powerful DSPs for the dedicated mixing and processing horsepower you come to expect from a professional Pro Tools system. Pro Tools | HD 2 includes the HD Core card and an additional HD Process card — offering a significant jump in mixing and processing power and support for up to 64 channels of I/O with Pro Tools audio interfaces.

For the ultimate in power and flexibility, Pro Tools | HD 3 features the HD Core card along with two additional HD Process cards, supporting up to 96 channels of I/O. With the Pro Tools | HD 3 system, you'll be able to complete your projects more quickly and efficiently than ever before.

### HIGH-RESOLUTION AUDIO INTERFACES

Among the new audio interfaces available for Pro Tools | HD, the new 192 I/O is, simply put, the most sonically superior audio interface ever offered from Digidesign, rivaling and outperforming interfaces costing more than twice its price. For those on a more limited budget, the new 96 I/O offers superior sonic performance for a price that won't break the bank.

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- Proprietary new DigiLink interface standard for connectivity of HD Core and HD Process cards at lengths of up to 100 feet†
- HDpack plug-in promotion, providing thousands of dollars in Digidesign and Development Partner plug-ins for FREE
- A wide range of options available from Digidesign and Digidesign Development Partners
- Full session compatibility with systems running Pro Tools 5.1 software or higher; supports all older Pro Tools sessions

† 100-foot DigiLink cable supports up to 96 kHz sample rates

### ROCK-SOLID SYNCHRONIZATION

SYNC I/O serves as the master synchronization device for Pro Tools | HD, supporting all major industry-standard clock sources and time code formats. Built to satisfy all of your synchronization needs, SYNC I/O delivers the most consistent, dependable, time-keeping solution for Pro Tools | HD systems.

### PRE

Offering a pristine signal path designed specifically for the Pro Tools | HD environment, PRE provides a world-class analog front-end to Pro Tools. Featuring eight high-performance, Class A, discrete, matched transistor pair front-end mic-preamp circuits, PRE will support nearly any input level you supply. Plus, comprehensive remote controllable operation allows you to place PRE anywhere in the studio while retaining the ability to take advantage of its entire rich feature set from where you choose to operate.

### MIDI I/O

For those of you wishing to integrate your synthesizers and samplers into Pro Tools, MIDI I/O is the custom-tailored, powerful MIDI solution for Pro Tools systems. Offering ten MIDI inputs and outputs for a total of 160 channels, MIDI I/O also includes support for the Digidesign Time-Stamping feature in Pro Tools software for timing accuracy and precision comparable to the very best hardware-based sequencers on the market.

### TDM II — DIGIDESIGN'S NEW BUS ARCHITECTURE

Behind Pro Tools | HD's ability to handle such large mixing configurations lays TDM II — Digidesign's new bus architecture. More than offering twice the number of timeslots of MIX systems, TDM II actually features a completely redesigned architecture, offering much more efficient use of the TDM timeslots.

### NEW DIGILINK INTERFACE STANDARDS

With Pro Tools | HD comes the introduction of our new DigiLink interface standard. The lightweight DigiLink™ cables provide connectivity between HD audio interfaces and HD Core and HD Process cards at lengths of up to 100 feet.† DigiLink cables are also used to daisy-chain 192 I/O and 96 I/O units.

### SESSION INTERCHANGE AND COMPATIBILITY

Pro Tools | HD systems will allow you to easily interface with older Pro Tools systems. Pro Tools | HD offers full session compatibility with systems running Pro Tools 5.1 software or higher; Pro Tools | HD also opens all older Pro Tools sessions.

### THE FINISHING TOUCH

Adding a control surface such as ProControl® or Control|24™ can really unlock the power of your Pro Tools | HD system. Designed to enhance the speed of working with Pro Tools, both control surfaces offer unique ways to put the extensive capabilities of Pro Tools right at the tips of your fingers — allowing you to complete projects much more quickly and intuitively.

### SYSTEM REQUIREMENTS

Digidesign-approved computer

For the latest Digidesign product information and system requirements, visit [www.digidesign.com](http://www.digidesign.com).

For the latest Development Partner plug-in and software compatibility information, visit [www.digidevelopers.com](http://www.digidevelopers.com).

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