Pro Tools HD 7 Software

Power to Create for Music and Post Production Professionals

Features

- Instrument Tracks
- Real-time MIDI processing
- Enhanced groove options
- Region Groups
- Region Looping
- Works with REX and ACID files
- RTAS performance increased up to 150%
- 10 sends per track
- Up to 160 channels of I/O
- RTAS plug-ins on auxiliary & master tracks
- Quantize audio regions
- New Dynamics III DigiRack plug-in*
- "Reverse" Strip Silence
- New "MIDI editor–style" view option
- Streamlined Pro Tools menu structure
- Tool Tips
- Mirrored MIDI editing
- Sample-based MIDI tracks
- Drag and drop send assignments
- Separate on Grid & Separate at Transient functions
- New Cut, Copy, Clear Special commands
- New Duplicate Tracks dialog
- New Region List Find History menu
- New Link Track and Edit Selection command
- Remove Duplicate Notes command
- Enhanced Select/Split Notes window
- Overhauled Change Duration window
- Improved drag and drop functionality
- Import session Markers and Mix/Edit Groups
- Up to 999 Markers/Memory Locations

* Available as a free download

Digidesign® Pro Tools® 7 software delivers expanded recording and editing capabilities for audio and MIDI, greater mixing power and flexibility, enhanced efficiency, and improved ease of use, providing music and post production professionals with a new creative environment for the industry-standard digital audio workstation.

More Building Blocks

Several of the new features in Pro Tools HD 7 software are geared toward helping you create, manipulate, and easily access more building blocks for constructing compositions. Pro Tools HD 7 software lets you work with REX and ACID audio files—two of the most popular audio formats for loops and samples—so you can more easily take advantage of the wide range of REX and ACID sound libraries on the market. Within Pro Tools HD 7 software, the tempo of those files will change automatically when you change the tempo of the session. As a result, you can quickly build a session from loops and samples without having to manually adjust their tempos to match that of your song.

Pro Tools HD 7 software also gives you new options for looping all audio and MIDI files within your session. A new Region Looping dialog lets you set a specific number of repetitions or a specific amount of time for looping (in bars/beats or whatever time mode you're currently using). You can also make a loop repeat until the end of the session or just until it reaches the next region on the track. A crossfading function smoothes out any hiccups between loop repetitions. Whether you want to build a song quickly or need to fill up a specific amount of time between film cues, Region Looping is an essential tool.

Region Groups is another new and important asset for constructing compositions and trying out different arrangements. Now you can group any combination of audio and MIDI regions, across any number of tracks, as a single Region Group. Find the perfect measure within a multi-tracked drum performance, or the perfect chorus across an entire band's performance, capture it as a Region Group, and drag and drop it from the Region list into different spots throughout the song. Loop a Region Group to build a deep rhythm section; export a Region Group to re-use it in a different song.

Tighter Virtual Instrument Integration

Pro Tools HD 7 software also makes it easier to integrate the growing number of virtual instruments, sample playback plug-ins, and other sound modules on the market. New Instrument Tracks combine MIDI and audio capabilities in a single channel strip to greatly simplify routing for virtual instruments and other sound modules. Now you can record a MIDI performance, edit and automate it, send the data to one or more virtual instruments (or external MIDI devices), add plug-in inserts, add sends, and output audio, all from one channel. Whether you're recording a band or designing sound for film, Instrument Tracks let you get started creating music quickly.

WINDOWS XP
MAC OS X

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Streamlined Menus

Zoom Toggle Button

Mirrored MIDI Editing

Consolidated Regions List

Region Groups

Instrument Track

Real-Time MIDI Processing

Sample-Based MIDI Tracks

Edit Window

**Improved MIDI Operations**

Region Looping
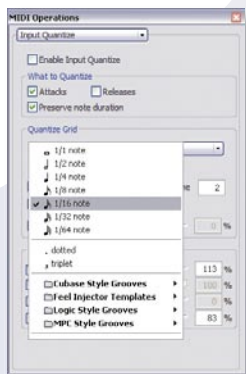
Updated Input Quantize Window
Apply groove template quantization to incoming MIDI signals.

New Grid/Groove Quantize Window
All quantize options are now combined in a single window for easier operation. Groove randomization further humanizes the feel.

Enhanced Select/Split Notes Window
Program rhythm tracks—or any other type of MIDI track—by splitting a MIDI performance into multiple tracks by MIDI note, velocity, duration, or position.
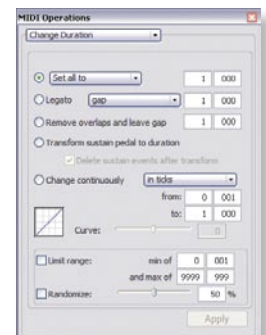
Overhauled Change Duration Window
Use new legato overlap correction and transform sustain pedal features.

Tool Tips

Instrument Tracks

Up to 10 Sends per Track

RTAS Processing Plug-ins on Aux Inputs and Master Faders

New Dynamics III DigiRack Plug-in

Cross-Platform Mac OS X/Win XP

Mix Window
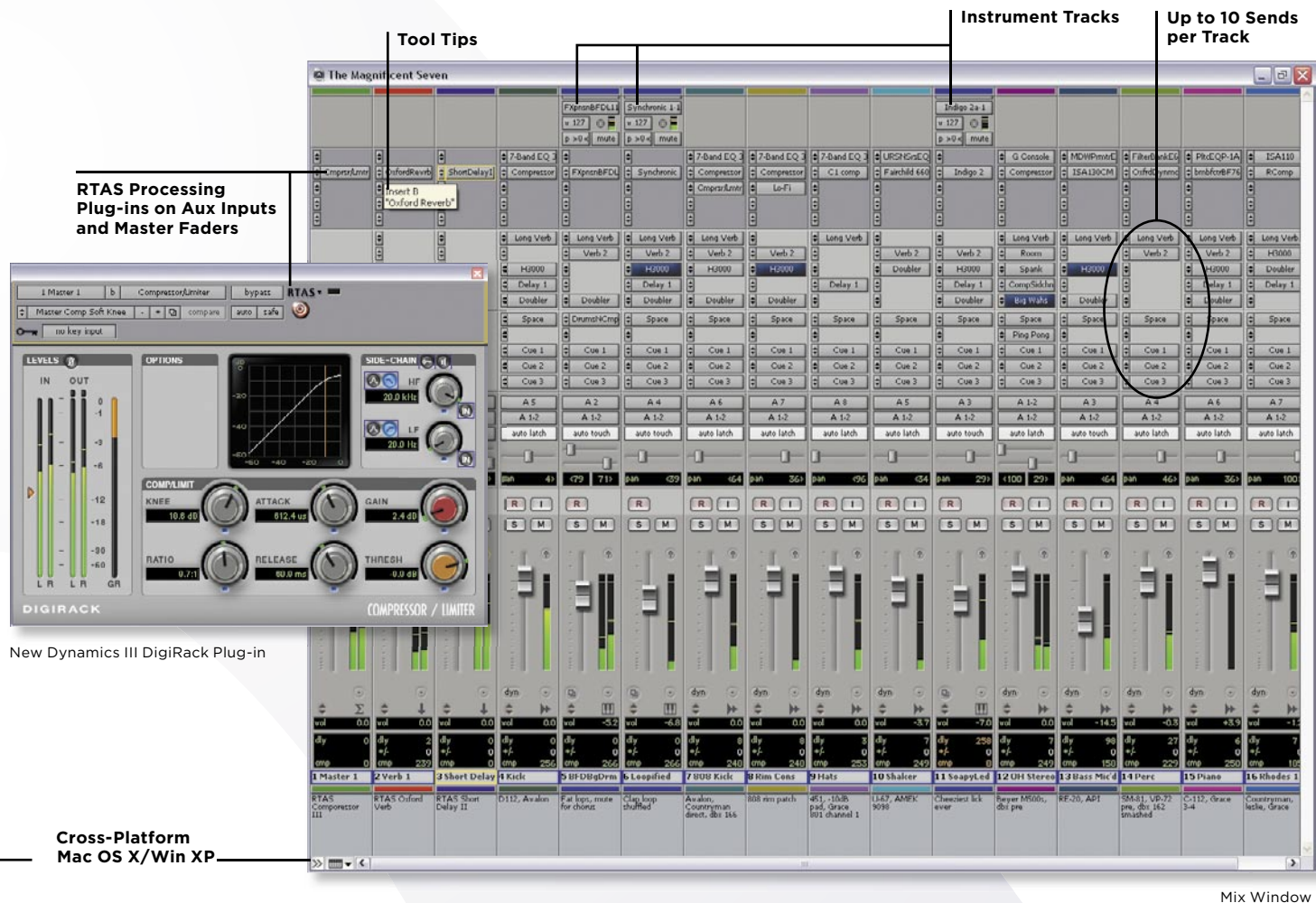
Advanced Editing Features

Pro Tools HD 7 software gives you more tools to fine-tune performances quickly and easily. Real-time MIDI processing lets you control MIDI quantization, note duration and velocity, transposition, and timing, all in real time, speeding up your work and encouraging more spontaneous experimentation. With newly introduced mirrored MIDI editing, the edits you make to a single MIDI region can be applied automatically to all existing copies of that region throughout a session.

While Pro Tools HD 7 software provides more tools to perfect performances, it also makes applying the right feel to tracks easier than ever before. An updated Input Quantize window lets you apply groove template quantization to incoming MIDI signals. Enhancements to quantization functions let you add randomization to further humanize the feel. Retaining the human feel is easier too, even as you experiment with different arrangements and session tempos. With the

addition of sample-based MIDI tracks, you can quickly generate tempo maps from free (rubato) MIDI performances or lock effects and sound hits to time code, while still adjusting the tempo of the session.

Additional MIDI improvements enable you to quickly clean up tracks or radically change parts with minimal effort. For example, an enhanced Select/Split Notes window makes it easier to program rhythm tracks—or any other type of MIDI track—by letting you split a MIDI performance into multiple tracks by MIDI note, velocity, duration, or position. At the same time, enhanced tools for removing duplicate notes, changing note durations, and transposing tracks will let you make big or small adjustments in no time.

Whether you're editing audio or MIDI, the new Zoom Toggle button offers a quick way to enter an editor view mode with saved user-defined parameters for track height, display mode (track view), vertical zoom, and grid

setting. To further improve your editing efficiency, new special edit menu commands let you quickly move or remove automation data for volume, pan, mute, and plug-in playlists. With those new commands, you can copy surround panning information in a single step.

Expanded Mixing Capabilities

Pro Tools HD 7 software introduces numerous enhancements that improve the flexibility, efficiency, and power of mixing in Pro Tools. For example, now you can use up to ten sends per track, and those send assignments can be moved or copied just by dragging and dropping from track to track. Pro Tools HD 7 software also lets Pro Tools|HD® system operators use RTAS® processing plug-ins on auxiliary and master tracks. In addition to offering greater mixing options, this enhances compatibility between Pro Tools LE™, Pro Tools M-Powered™, and Pro Tools|HD systems, since sessions ported from one system to the other will be able to retain the use of RTAS processing plug-ins on those tracks.

Using more RTAS processing plug-ins and virtual instruments in your projects is easier now too. Pro Tools HD 7 software has been optimized to bring you dramatically improved RTAS performance. With a more efficient RTAS environment and enhanced support for multi-processor computers, Pro Tools HD 7 software lets you use more RTAS plug-ins and virtual instruments in your sessions whether you use a single- or multi-processor host computer. Select RTAS plug-ins will yield up to 150% more instances on dual-processor computers.

Streamline Your Workflow
Though Pro Tools software has always been among the easiest audio applications to use, Pro Tools 7 introduces new features that will help you maximize the efficiency of your work. Now you can import audio, MIDI, REX and ACID files, simply by dragging those files from the desktop directly into the timeline. Using the built-in DigiBase™ file management system, users now can import audio from Red Book audio CDs (a new capability for Windows XP users). In addition, DigiBase now supports MIDI files and exported Region Groups so you can more quickly access those essential compositional building blocks. Meanwhile, the introduction of a tempo column in DigiBase will make it easier to find the right file for your project.

Creative Transformation
Pro Tools HD 7 software includes major additions and enhancements that add up to a remarkable transformation. That transformation focuses first and foremost on delivering impressive new creative tools. Support for working with REX and ACID files, the introduction of Region Looping, and the addition of Instrument Tracks give you more creative options. At the same time, real-time MIDI processing, DigiBase improvements, and a wide range of MIDI editing enhancements help you maximize efficiency. Enhanced support for multi-processor computers and additional performance optimizations help to ensure that you have the power you need to complete your projects, from beginning to end, all within the Pro Tools creative environment.

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System Requirements

• Approved Windows XP- or Mac-based Digidesign Pro Tools|HD system

• iLok USB Smart Key and free *www.ilok.com* account

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

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