Avid information for new Westlake website

Compatibility Chart:
http://avid.force.com/pkb/articles/en_US/compatibility/Pro-Tools-10-3-System-Requirements?popup=true&NewLang=en&DocType=1083&q=For+optimal+performance+and+reliability%2C+be+sure+that+your+computer+or+laptop+meets+the+following+minimum+system+requirements.

Pro Tools HD 11 System Requirements

System Requirements and Compatibility with Pro Tools|HDX and Pro Tools|HD Native Family Systems with Pro Tools HD 11 Software

For optimal performance and reliability, be sure that your computer or laptop meets the following minimum system requirements.

Important: Avid dedicates a significant amount of engineering resources and time to test and qualify specific platform configurations. While such systems may operate without problems, please understand we cannot provide support should you choose to use a non-qualified system.

Mac Systems

- **Computer:**

Desktops

- Supported
    - Mac Pro mid-2012, 2010 & 2009 5,1
    - Mac Pro early 2009 4,1
- Not Supported
    - Mac Pro 3,1 "Harpertown" models and lower

Optional: Magma Express Box 7 (EB7) PCIe Host-to-PCIe Expansion Chassis

- Magma Expansion Chassis Support Details

Laptops
MacBook Pro & Air with Magma Express Box 3 (EB3T) Thunderbolt-to-PCIe Expansion Chassis

- Supported
    - MacBook Pro Retina 15-inch (Mid 2012: 10,1)
    - MacBook Pro Retina 13-inch (Late 2012: 10,2)
    - MacBook Pro 15-inch (Mid 2012: 9,1)
    - MacBook Pro 13-inch (Mid 2012: 9,2)

◦   MacBook Air 2012 5,2 i7 (*i5 models not supported*)

Mac Mini
Mac Mini with Magma Express Box 3 (EB3T) for HDX support and/or HD Native Thunderbolt

- Supported

  ◦   Mac Mini 2012 i7 (8GB of Ram required)

- **System Software:** Mac OS X 10.8.4 (Mountain Lion)

- **Total System RAM:** 8GB minimum, 16GB (or more) recommended

http://avid.force.com/pkb/articles/en_US/compatibility/Pro-Tools-10-3-Qualified-Apple-Computers

Windows Systems

- **Computer:** Avid-qualified Windows-based computer:

The following Windows computers are approved by Avid for use with Pro Tools|HDX and Pro Tools|HD Native Family systems with Pro Tools HD 11.0 software.

Desktops

- HP Z820 3rd Gen "Sandybridge" Dual Processor Workstation
  Z820 Dual Processor Workstation support with Pro Tools 10.3 to Pro Tools 11

Single processor workstations not supported
- *There are known issues with slot 3-4 not functioning*

Z820 Hardware Configuration

Processor Requirements

Supported Processors
- 16 core: Dual Xeon Eight-Core "Sandy Bridge" (all speeds)
- 12 core: Dual Xeon Six-Core "Sandy Bridge" (all speeds)

Graphics Requirements

Supported Nvidia Graphics Cards
- NVIDIA Quadro 5000
- NVIDIA Quadro 4000
- NVIDIA Quadro 2000
- NVIDIA Quadro 600
- NVIDIA Quadro K4000
- NVIDIA Quadro K2000
- NVIDIA Quadro K600

Supported Nvidia Quadro FX Graphics Drivers

Pro Tools Only:
- Quadro driver version 310.90 - *supports Pro Tools 11 and 10.3*
- Quadro driver version 306.68 - *supports Pro Tools 10.3.x*
- Quadro driver version 305.93 - *supports Pro Tools 10.3.x*

Qualified Operating System for Avid Pro Tools Software and Hardware on the HP Z820
- Pro Tools 10.3 to Pro Tools 11
- Microsoft® Windows 8 & Windows 7 32-bit or 64-bit (*64-bit only with Pro Tools 11*)
- *Pro Tools HD not supported with Windows 8 at this time with Pro Tools 11.0*

Not Supported
- Microsoft® Windows XP (any version)
- Microsoft® Windows XP 64-bit (any version)
- Microsoft® Windows Vista (any version)
- Microsoft® Windows Vista 64-bit (any version)

Requirements with Pro Tools for Windows

The HP Z820 Workstation is officially qualified with Pro Tools 10.3 to Pro Tools 11 software and the following Pro Tools HD systems:
- Pro Tools HDX systems (up to 3 cards)
- Pro Tools HD Native PCIe systems
- Not supported: Pro Tools HD and Pro Tools HD Accel TDM PCIe/PCI systems

Additional Requirements & Configuration

Video Peripheral Support
The Avid Mojo SDI video peripheral is supported for video record and playback with Pro Tools 10.0
The Avid Nitris DX and Mojo DX video peripheral are supported for video playback with Pro Tools 11

Serial Port Support for MachineControl
The HP Z820 workstation has an embedded serial-port which has been qualified by Avid for use with MachineControl

Utilization of embedded (on-board) Ethernet ports:
The HP Z820 Workstation has an Embedded Intel 82574L NIC and an Embedded Intel 82574LM NIC with an on-board Ethernet port each, which can be used individually or simultaneously for the following:
- Video Satellite and/or Ethernet control surface: ICON System (D-Control, D-Control ES, D-Command, D-Command ES), ProControl, C|24, Control|24
- The bottom port is qualified for Avid ISIS connectivity

- *Known issue*: streaming AAE errors may occur with above NICs. Avid recommends the "Intel Pro 1000" or "StarTech 1 Port PCIe GB Network Server Adapter NIC card - dual profile"

Storage & Hard Drive Options
- Shared Storage: Unity ISIS 5000 & 7000

- Local Storage: Internal SAS (up to 3 HDD)

- Local Storage: Internal SATA (up to 3 HDD)

- Local Storage: External 1394 (up to 4 HDD)

HP Performance Advisor

Using HP Performance Advisor
HP Performance Advisor is a utility created by HP which provides detailed system information and access to the computer's BIOS settings. Download and install HP Performance advisor here:

HP Performance Advisor

1. **Install all Avid products you will be using.**
2. **Launch HP Performance Advisor and click on Your Software**
3. **Select "Avid" and choose "Pro Tools 10"**
4. **Under "Recommended Performance BIOS Settings" click "Apply Recommendations"**
5. **Under "Graphics Driver Status" verify if approved driver is installed. If not, click on the link to download and install the latest approved NVidia graphics driver.**
6. **Close HP Performance Advisor**
7. **Restart the computer**

HP Z820 Slot Configuration

For information on slot order in the HP Z800 with and without Avid Video Peripherals, including Expansion Chassis configurations, please see the following:
- HP Z820 Workstation Slot Order & Configuration

Slot Order Additional Information
- Slot 5 should not be used for the primary HDX or HD Native PCIe card as performance issues could be encountered*

- Slot 6 is obstructed by a SATA cable connected to the optical drive. It is recommended to carefully install a third HDX card in slot 6. Do not move the optical drive connection to a SAS port. Use of the SAS port can cause data transfer problems

- Avid supports up to 3 HDX cards installed in the Z820

- Do not combine both HDX and HD Native PCIe cards

* Firmware reset
If a firmware reset (safe image) is required, the HDX or HD Native PCIe card must be temporarily installed in slot 5. One-by-one install each card requiring a firmware reset in slot 5. Boot the computer, hold the reset button on the HDX or HD Native PCIe card,

launch Pro Tools and update the firmware on the card. Repeat as needed. Install the primary HDX or HD Native PCIe card in slot 4 as recommended on the HP Z820 Workstation Slot Order & Configuration page.

Pro Tools non-HD interfaces (Win 8 support)
- USB ports are not functioning consistently with Fast Track and Mbox interfaces using Windows 7
- FireWire ports exhibit performance problems with 003, Digi 002 and Mbox Pro (3rd Gen) using Windows 7
    - The HP NIC is not supported. It must be disabled in the Device Manager
    - Please use an 1000 Pro PT, Intel 1000 PF or Startech ST1000SPEX NIC card
- HP Z800 2nd Gen 6-Core Workstation ([additional requirements](#))
- HP Z420 Workstation 3rd Gen "Sandybridge" ([additional requirements](#))
    - The HP NIC is not supported. It must be disabled in the Device Manager
    - Please use an 1000 Pro PT, Intel 1000 PF or Startech ST1000SPEX NIC card
-
- HP Z400 Nehalem and Westmere Workstation

Note for all Windows Desktops:

- Only NVIDIA graphics cards are supported. ([see details](#))

Notes for HP Z-series computers:

- HP BIOS v3.56 is recommended for both the Z400 & Z800 workstations
- If you are using the Broadcom network card (NIC), make sure to install Boadcom NIC driver version 15.2.0.5 before running Pro Tools. For additional information, consult the HP support pages for your computer.
- An optional Intel PCIe network card may also be used instead of the Broadcom NIC
- **System Software:** Windows 7 Home Premium, Professional, or Ultimate edition with Windows 7 Service Pack 1
    - **Note**: *Windows 8 is not supported with Pro Tools HD 11.0 at this time*
- **Total System RAM:** 8GB minimum, 16GB (or more) recommended

Additional Requirements

- **iLok 2:** Original iLok 1 not supported ([see details](#))

- **Pro Tools|HD Audio Interfaces (required), Peripherals and Control Surfaces** ([see details](#))

- **Audio Drive Requirements:** One or More Hard Disk Drives Dedicated for Audio Record and Playback

- **System Hard Drive:** Minimum 15GB free space on startup drive required for Pro Tools installation

- **Graphics Card:** Dedicated Graphics Card highly recommended

- **Video Peripherals** ([see details](#))

- **Avid Shared Storage and Interplay** ([see details](#))

- **Audio File Type & Session Support:**

  - **Supported: BWF, AIFF, MXF**

  - **Not Supported: SD2 audio files and Pro Tools 4.x sessions and lower**

    - Pro Tools 10.3.6 or higher (Mac) will automatically convert SD2 audio files to compatible audio files

Pro Tools Software Options

- **Machine Control** ([see details](#))

- **Satellite Options**

Note: Satellite Link with Pro Tools 11 & Media Composer 7 is not supported with Pro Tools 10.x or Media Composer 6.x or earlier ([see details](#))

- **Satellite Link** ([see details](#))

- **Video Satellite LE** ([see details](#))

- **Video Satellite with Media Composer** ([see details](#))

Co-Installation

- Pro Tools 11 and Mac OS X 10.8.4 are supported for co-install with Pro Tools 10.3.6 and higher ([details](#))

  - *Mac OS Support:* Pro Tools 10.3.6 supports Mac OS X 10.8.4. For co-install with Pro Tool 11 use Mac OS X 10.8.3 or 10.8.4

  - *HD Driver Support*: When co-installing Pro Tools 10.3.6 and Pro Tools HD 11 the Pro Tools 11 HD Driver *must* be installed for proper support

Driver Updates

Please download and install the latest drivers for your hardware from the following page:

- [Driver Downloads and Updates](#) (avid.com/drivers)

http://avid.force.com/pkb/articles/en_US/compatibility/Pro-Tools-10-3-Qualified-Windows-Computers

Plug-in Compatibility

http://avid.force.com/pkb/articles/en_US/compatibility/en343311?
popup=true&NewLang=en&DocType=1083&q=Avid+does+not+directly+test+or+qualify+all
+third+party+Development+Partner+products+for+Pro+Tools%3B+certain+data+is
+supplied+by+Avid+Development+Partners.+If+you+do+not+see+a+product%2C+then
+the+manufacturer+has+not+yet+provided+the+relevant+information+to+Avid.+Please
+contact+the+manufacturer+for+information.&x=-991&y=-20

Pro Tools 11 supports DSP, Native and AudioSuite 64-bit AAX plug-in types only

Earlier TDM, RTAS and AudioSuite ".dpm" plug-ins are not supported
32-bit AAX plug-ins are not supported

Please Note: Avid does not directly test or qualify all third party Development Partner products for Pro Tools; certain data is supplied by Avid Development Partners. If you do not see a product, then the manufacturer has not yet provided the relevant information to Avid. Please contact the manufacturer for information.
  • Shortcut to this page: avid.com/audioplugingrid

Pro Tools 11 Plug-in Compatibility
  • Pro Tools 11 requires plug-ins to be AAX format and 64-bit.

Pro Tools 10 Plug-in Compatibility
Mountain Lion support (Mac OS X 10.8)
All Avid plug-in installers need to be version 10.2.1 (or higher) for full Mountain Lion support. Updated plug-in installers can be downloaded from the respective plug-in product pages on avid.com. Alternatively, the Pro Tools installer automatically updates all installed plug-ins and can be downloaded here.
Note: While plug-in *installers* have been revised, some installers may still install an older plug-in version (e.g. v8.0). These older versions are fully qualified and operational in tandem with the Mountain Lion OS.

AudioSuite, RTAS, and TDM plug-ins with Pro Tools 10
Windows:

  • AudioSuite, RTAS, and TDM plug-ins compatible with Pro Tools 9 on Windows are compatible with Pro Tools 10.

Mac OS:

  • With a few exceptions on Mac OS Lion (listed below), AudioSuite, RTAS, and TDM plug-ins compatible with Pro Tools 9 on Snow Leopard are compatible with Pro Tools 10 on both Lion and Snow Leopard.

Known Plug-in Issues — Pro Tools 10 on Mac OS Lion:

  • Waves "Tune" renders AudioSuite offset by the handle length (PTSW-147635)

- Workaround: user must set handle length to "0" in order to properly align audio
- Vocalign does not align audio with the guide track in Pro Tools (PTSW-149841)
  - Will not properly process with handles. Fix from SynchroArts is in the works
- Massey DRT
  - Please click here for more info.

Updating Your Plug-ins
To install a plug-in or update a plug-in to the latest version, see the links available from these pages:

- Audio Plug-ins Product Section
- Plug-in Updater v8 for Mac OS X
- Plug-in Updater v8 for Windows

Other Updates for Pro Tools 9
Download installers for owners of optional software and plug-in bundles:

- Pro Tools 9 Additional Downloads

Other Updates for Pro Tools 8
MP3 Option, DigiTranslator, MachineContol, Factory Bundles, Toolkit Options:

- Pro Tools 8.0.x Additional Downloads
- Pro Tools HD 8.1.x Additional Downloads

Plug-in and Software Versions Compatible with Pro Tools 7 and Higher

Table would not copy with Copy/Paste. Link:
http://avid.force.com/pkb/articles/en_US/compatibility/en343311?
popup=true&NewLang=en&DocType=1083&q=Avid+does+not+directly+test+or+qualify+all
+third+party+Development+Partner+products+for+Pro+Tools%3B+certain+data+is
+supplied+by+Avid+Development+Partners.+If+you+do+not+see+a+product%2C+then
+the+manufacturer+has+not+yet+provided+the+relevant+information+to+Avid.+Please
+contact+the+manufacturer+for+information.&x=-991&y=-20

Known Issues & Information

Pro Tools 8
Installing third party plug-ins on a system that has Pro Tools 8 on it may downgrade the PACE InterLok drivers.

- Upon launch, Pro Tools will show a dialog stating that you need a newer version of the InterLok drivers and will not allow Pro Tools to launch.

To resolve this issue, download and install the current version of the drivers:

- [Download iLok Software](#) (iLok Driver Installers)

New Version 8 Plug-ins With No Authorization
The following version 8.x plug-ins are automatically installed during Pro Tools 8 installation as free plug-ins that do not require iLok authorization:

- [D-Fi bundle](#) (LoFi, RectiFi, SciFi, VariFi)
- [Maxim](#)
- [SansAmp PSA-1](#)
- [TL AutoPan](#)
- [TL Utilities](#) (TL InTune, TL MasterMeter, TL Metro)

These plug-ins can *also* be used with Pro Tools HD, LE, and M-Powered v7.3.1, 7.4, and 7.4.2 systems, and require no iLok authorization to use on either Pro Tools 7 or 8 systems.

- Although you may be able to use these v8 plug-ins on Pro Tools 7.0 through 7.3.0 systems, they have only been qualified by Digidesign with Pro Tools 7.3.1 and higher.
- Plug-ins listed as *plug-in* version 7.x and lower of each of these plug-ins *requires authorization either by iLok license or authorization code.*

Pro Tools Launch Problems with Internet Explorer 8 Installed
The following plug-in updates resolve an issue where Pro Tools hangs when scanning plug-ins if Internet Explorer 8 is installed.

- [Hybrid 1.5.4](#)
- [Strike 1.0.4](#)
- [Structure and Structure LE 1.0.5](#) (also includes fix for import of EXS files on Mac and Windows)
- [Velvet 1.0.4](#)

More on this issue can be found here:

- [Knowledge Base 289041](#)

Waves Issue In Pro Tools 8
Note: This issue is resolved with Waves 7 and Pro Tools 8.0.3.

When launching Pro Tools, the Waves dialog "Where is the Waves Plug-Ins folder?" may pop up behind the Pro Tools splash screen and may become inactive after bringing it to the foreground.

To solve this issue:

1. Right click on Waves Plug-ins folder and make Alias
2. Rename created "Alias to Waves Plugins" (capitalization is very important) to : Waves Plugins
3. Copy alias (to clipboard)
4. Go to ~/Users/Current User/Library/Preferences/

5. Create new folder and name it Waves Preferences

6. Paste Waves Plugins alias(from clipboard) into created folder (Waves Preferences)

7. Delete alias that you created in step 2

8. Start Pro Tools

AAX Plug-in Compatibility

AAX (Avid Audio eXtension) is Avid's new advanced plug-in format, offering better workflows and sound parity when sharing sessions between DSP-accelerated and native-based Pro Tools systems. The format comes in two flavors:

- **AAX DSP**—compatible with Pro Tools|HDX systems only (TDM is not supported in Pro Tools|HDX)

- **AAX Native**—compatible with any system running Pro Tools/Pro Tools HD 10 software

We're excited to announce that all Avid plug-ins are being transitioned to AAX—many are already available—and many third-party audio plug-ins are also available in AAX formats (see the list of our partners below). You'll find many Avid and third-party AAX plug-ins listed on the AAX plug-ins page. We'll continue to work closely with all of our partners to bring AAX compatibility to all Pro Tools plug-ins. For the latest AAX plug-in news and updates, join our conversation in the AAX forum.

Please note that the following TDM-only plug-ins are not AAX-compatible:

- Dolby Surround Tools
- Line 6 Amp Farm
- Line 6 Echo Farm
- TC Electronic TDM plug-ins

http://www.avid.com/US/resources/AAX-plug-in-compatibility

Avid AAX plug-ins

Avid audio plug-ins are being transitioned to AAX DSP and/or AAX Native formats—many are available now and more will be coming soon. You'll find AAX versions of the available Avid plug-ins included with Pro Tools 10 and Pro Tools HD 10 (your Avid plug-in licenses will work with AAX versions).

For TDM plug-ins that haven't yet been transitioned to AAX DSP, you can use the RTAS versions with Pro Tools|HDX in the interim.

Mac OS X & Windows: TDM, RTAS and AudioSuite (.dpm) plug-ins compatible with Pro Tools HD 9 and Pro Tools HD 10 are not compatible with Pro Tools HD 11

Known Plug-in Issues – Pro Tools 11 on Mac OS X (Mountain Lion):

Eleven Rack UI not available in Pro Tools 11

- Workaround: use Pro Tools 10.3.6 or higher Pro Tools 10.x version

Compatibility with older versions of Pro Tools

Pro Tools 7.0 and higher uses a new session file format and extension (**.ptf**) to distinguish its sessions from sessions created with previous versions of Pro Tools 6 and earlier (with extension **.pts**). The new .ptf file format supports many new options for session compatibility and transfer.

Saving Pro Tools 7, 8, and 9 Sessions to Pro Tools 6 and Earlier Pro Tools Session Formats
Pro Tools 7.x and higher sessions cannot be opened with Pro Tools versions 6.9.x and earlier. To save a Pro Tools 7, Pro Tools 8, or Pro Tools 9 session so it is compatible with Pro Tools version 6.9.x and earlier Pro Tools versions, use the File > Save Copy In command to choose the destination session format (such as Pro Tools 5.1 -> 6.9 Session format) and other options.

Q: If I create a Pro Tools 10 session with AAX plug-ins, will it be backwards compatible with earlier versions of Pro Tools?
A: You'll need to save a copy of your Pro Tools session as one that's compatible with Pro Tools 9 and earlier. If you have RTAS versions installed of the AAX plug-ins used in the session, those plug-ins and settings will open.

For more information on creating new sessions, opening previous sessions, and saving sessions, see the "*Sessions & Tracks*" section of your *Pro Tools Reference Guide* (available for download at the bottom of this page). In particular, see these chapters:
- Pro Tools Reference Guide v10.0:
    - Chapter 11: Sessions
    - Chapter 18: File and Session Management and Compatibility
- Pro Tools Reference Guide v9.x:
    - Chapter 11: Sessions
    - Chapter 18: File and Session Management and Compatibility
- Pro Tools Reference Guide v8.x:
    - Chapter 9: Sessions
    - Chapter 16: File and Session Management and Compatibility
- Pro Tools Reference Guide v7.x:
    - Chapter 8: Sessions
    - Chapter 15: File and Session Management and Compatibility

The following is a list of features that are not supported with lower versions of Pro Tools. Opening and saving a session in a lower version of Pro Tools may cause data related to these features to be lost. For instance, Pro Tools 7.2 added support for video region groups. These are not displayed in Pro Tools 7.1 and lower, and are lost when you save the session.

This list does not include versions prior to Pro Tools 7.0, may not be complete, and is provided as a guide only.

Pro Tools 9.0
Pro Tools 9.0 features and functionality not available in Pro Tools 8.x and lower

Category	Feature	Failure	Recommended Workaround
Surround	Updated 7.1 Surround Panning	Tracks and routing using the new HD 7.1 surround format will not open correctly in versions of Pro Tools prior to 9.0.	None
ADC	ADC	When opening a Pro Tools 9.0 session that uses Automatic Delay Compensation on a Pro Tools LE or M-Powered system, ADC will no longer be available.	Use the Time Adjuster plug-in to manually compensate for plug-in delays
Track Count	96 tracks as standard	Tracks 49-96 will not be available when opening a Pro Tools 9 session on a Pro Tools LE or M-Powered system (without MPTK, DVTK or CPTK)	Do not use more than 48 tracks if backward compatibility with LE and M-Powered is desired.

| Bus Count | 256 internal busses | Depending on your system, when opening a Pro Tools 9.0 session on a system running a previous version of Pro Tools, some internal busses will not be available (LE and M-Powered – busses 33-256; HD busses 129-256). | Do not use more than 32 busses if backward compatibility with LE and M-Powered is desired. |
| Stereo Pan Depths | Variable stereo pan depths | Pro Tools versions prior to 9.0 had a fixed stereo pan depths. Pro Tools 9 allows the user to vary this, however when a session with a different stereo pan depth is opened on an older Pro Tools system, the original default pan depth will be used. | Do not change the stereo pan depth when backward compatibility is desired. |

Pro Tools 8.1

Pro Tools 8.1 includes a completely revamped I/O Setup feature that may cause session compatibility issues if some of the new feature functionality is used.

Category	Feature	Failure	Recommended Workaround

I/O Setup	Overlapping output paths	Overlapping outputs will be restored as main and sub paths, but only if the wider overlapping path sits above a narrower overlapping path. The largest overlapping path will be the "main" path while smaller overlapping paths will be "sub" paths. If multiple paths of the same width overlap, only the first path will be active. All subsequent paths are deactivated because Pro Tools 8.0.x does not allow sub paths of the same width as the main path.	Do not use overlapping output paths when full backwards compatibility is desired.
I/O Setup	Overlapping output paths	Output bus paths that are a sub path of a larger one, and that are routed to an overlapping output of even greater width (e.g. Stereo sub path of LCR main path, mapped to a 5.1 output that overlaps a 7.1 output) will be resolved in a similar way. Only the widest output path will be set as main path (e.g. 7.1), while all other paths will be sub paths (e.g. 5.1, LCR, Stereo).	Do not use overlapping output paths when full backwards compatibility is desired.

I/O Setup	Multiple output bus path assignments	If multiple output bus paths were mapped to the same physical output, Pro Tools 8.0 and older will not be able to restore a corresponding number of output paths (overlapping outputs are not allowed). Where possible, tracks will be assigned to the first output path. Sub paths of those multi-assignments will aggregate underneath that first output path as welll.	Do not use multiple bus path assignments when full backwards compatibility is desired.
I/O Setup	PIO file import	When importing a .pio file from Pro Tools 8.1 or higher into Pro Tools 8.0 or lower, the following assignments will not be imported: Audition path, Default output bus, AFL/PFL settings, overlapping output paths. Sub paths of mapped output buses are not recreated in earlier versions – they will show up as overlapping main outputs and users will have to manually disable or remove them.	Manually configure the dropped settings or avoid importing newer .pio files into legacy versions of Pro Tools.

Pro Tools 8 Features Not Available in Pro Tools 7.4.x & Lower

Category	Feature	Failure	Recommended Workaround

Music Creation	Elastic Pitch	Regions play at their original pitch, i.e. no offset	Commit elastic audio tracks in Pro Tools 8 before opening a session in earlier versions
Music Creation	Region Ratings	Regions lose their region rating once saved in Pro Tools 7.x	Write down region ratings in the comments field on the track
Music Creation	Chords ruler	The Chords ruler and its data are lost in Pro Tools 7.x	None
Music Creation	MIDI and Score Editor windows	Both window types do not exist in Pro Tools 7.x and thus the windows will not be open	None
Music Creation	Windows Configurations containing MIDI and Score Editor windows	Window configurations are recalled without the MIDI and Score Editor windows	None
Editing & Mixing	Automation and Take Compositiing Playlist views	Session will open with all playlist views closed in Pro Tools 7.x	Use the existing Takes pop-up
Editing & Mixing	Edit and Time Lock settings	Time locked regions are no longer time locked. Edit locked regions convert to "locked".	None
Editing & Mixing	Inserts F-J	Inserts F-J (#6 to #10) are lost when saving sessions in Pro Tools 7.x	Move plug-ins to inserts A-E or bounce effects down to disk

In addition to the changes listed above for Pro Tools 8, the following would **also** apply, depending on which version of Pro Tools you are using to open the Pro Tools 8 session:

Pro Tools 7.4
Opening a Pro Tools 7.4 (or higher) session with a lower version of Pro Tools will cause the following issues:
- Elastic Audio tracks will play at 1x speed without TCE warping. The TCE warping must be coalesced in Pro Tools 7.4 before opening in earlier versions.
- Unicode characters in any text fields such as track names, region names, etc. may not display correctly. To ensure compatibility with lower versions, the Pro Tools 7.4

user must perform a Save Session Copy In… and select the appropriate character set for use with the lower version.

- Lost support for some resolutions of Avid video with Avid Mojo/Mojo SDI: Pro Tools 7.4 supports all standard definition Avid video resolutions with Avid Mojo and Avid Mojo SDI. Lower versions of Pro Tools only support a subset of these resolutions. Unsupported video clips will be labeled as such in the timeline. To ensure compatibility, the Pro Tools 7.4 user should export the video track as a QuickTime movie, then re-import into the session.

FAT32 Volumes Not Supported for Recording with Pro Tools 7.4 and Higher for Windows

- Pro Tools 7.3.x is the last version of Pro Tools that supports FAT32 for Recording.

- Pro Tools 7.4 and higher for Windows XP and Windows Vista do not support FAT32 for recording, but will continue to support FAT32 formatted volumes for Playback and Transfer.

Pro Tools 7.2/7.3

In addition to the changes listed above for Pro Tools 7.4, opening a Pro Tools HD 7.2 or 7.3 session with a lower version of Pro Tools will cause the following issues:

Pro Tools HD 7.2 Minimum Version Compatibility

To open Pro Tools HD 7.2 and higher sessions, you need Pro Tools HD version 7.1cs3 or later, including the following:

- Pro Tools HD 7.1cs10 for Mac OS X (PPC)
- Pro Tools HD 7.1cs10 for Windows XP

To open with a lower version of Pro Tools (including 7.0 thru 7.1cs2), you must first save the session in Pro Tools 5.1 - 6.9 format.

Tracks

- VCA Master tracks are removed and any un-coalesced VCA automation is dropped. VCA automation must be coalesced in Pro Tools 7.2/7.3 before opening in a lower version.

- Any un-coalesced Trim automation is dropped. Trim automation must be coalesced in Pro Tools 7.2/7.3 before opening in a lower version.

Groups

- All groups beyond the first 26 (Bank 1, Groups a-z) are dropped.
- Mix Groups keep only Main Volume information.
- Mix/Edit Groups keep only Main Volume and Automation Mode information.
- Automation overflow information for grouped controls is dropped.
- Group behavior of Solos, LFEs, Mutes, Send Levels, Send Mutes and plug-in controls is dropped.
- Solo Mode and Solo Latch preference settings are dropped.
- Links between main output pans and send pans are dropped.

Video

- Only the main video track is displayed.
- Only the first QuickTime movie in the session is displayed or played back.

- If the session contains QuickTime movies in the Region List but no video track, the session opens with a new QuickTime Movie track containing the first QuickTime movie from the Region List.

- The Timeline displays and plays back only the video playlist that was last active. Alternate video playlists are not available.

- Video regions and video region groups are not shown or saved.

Pro Tools 7.0/7.1
In order to open a Pro Tools HD 7.x session with Pro Tools version 6.9 or lower, the user must save the session in Pro Tools 5.1 format. Use the File > Save Copy In command to choose the destination session format (such as 5.1–6.x) and other options. In addition to the changes above, the following attributes are changed:

- Long file names are shortened.

- Region groups are dropped.

- Region loops are dropped.

- Sample based MIDI regions are dropped.

- Sample based MIDI tracks are dropped.

- Sends F–J and automation (if any) are dropped.

- Markers/Memory Locations 201–999 are dropped.

- Instrument tracks are converted to MIDI and Auxiliary Input tracks.