

Pro Tools HD 8.0cs3 Update for Windows

June 8, 2009 — Read Me Document (Included with Download)

Only for Pro Tools|HD Systems with Pro Tools HD 8.0 for Windows

- This update requires previous installation of Pro Tools HD 8.0 software
- Single installer for Windows XP and Vista

Who Should Use Pro Tools HD 8.0cs3?

Pro Tools HD 8.0cs3 for Windows contains fixes in the following areas:

- Elastic Audio
- Tempo Ruler
- Audio Playlists
- Ethernet
- QuickTime Video
- Session Management
- File Management
- Recording > Destructive Punch
- Time Shift Plug-in
- X-Form Plug-in
- TL Space Native Plug-in
- Video
- Plug-In Settings
- Time Code
- AudioSuite Plug-ins
- MIDI Editor
- RTAS Processing

Plus previous fixes in the following areas:

- Editing
- Plug-in automation
- Send automation
- Video Playback
- File import
- Session/File management
- File management
- Mixing
- Satellite protocol communication

Pro Tools HD 8.0cs3 is provided as an interim "customer support (CS)" release to address the issues described. While our testing has not shown these changes to introduce other problems, the fixes described have not been fully qualified by Digidesign.

What's Included in Pro Tools HD 8.0cs3 for Windows?

Fixed: Elastic audio regions may be deleted from disk unintentionally (Item #113242)

- Elastic regions that are the same length as the original audio file may be deleted from disk after performing "select unused" and then "remove unused" files.

Fixed: Potential crash when showing a previously hidden Tempo ruler (Item #113251)

- If a session was saved with the Tempo Editor visible but the Tempo ruler hidden, opening that session and then showing the Tempo ruler may cause a crash.

Fixed: Potential crash when selecting leftover playlists from other tracks (Item #113365)

- Pro Tools may crash when selecting leftover playlists after the previous parent track has been deleted.

Fixed: "No valid network adapter" error message when launching Pro Tools (Item #106117)

- When launching Pro Tools or accessing the Peripherals dialog without an Ethernet cable connected to the computer, an error message is posted: "No valid network adapter is available for Video Satellite connections."

Fixed: Audio imported from certain QuickTime movies may play at half speed (Item #113551)

- Audio data, e.g. guide tracks, imported from certain QuickTime movies may play back at half speed.

Fixed: Low memory situations and potential crashes when using X-Form Elastic Audio Plug-In along with many audio regions on a track (Item #112644)

- With several hundred audio regions on a track, switching to X-Form as the Elastic Audio algorithm may cause low memory errors and lead to a crash.

Fixed: Slow preview and render speed with X-Form Elastic Audio Plug-In (Item #112958)

- Preview and/or rendering performance with X-Form on Elastic Audio tracks is improved in 8.0cs3 (compared to 8.0).

Fixed: Audible drift when using PAL to Film TCE conversion on long audio files (Item #113490)

- Using the Time Shift Varispeed preset (PAL to Film -4%) will result in a file that drifts over time and runs out of sync with picture.

Fixed: Certain sessions may not open due to a "bus error" (Item #113772)

- Certain sessions created in Pro Tools 7.4.x may not open in Pro Tools 8 due to a "bus error in main thread" error message.

Fixed: Cannot open sessions due to PolyVector error (Item #114287)

- Certain sessions cannot be opened due to the following error: "Could not complete your request because out_of_range: Cmn_PolyVectorImpl::At"

Fixed: Missing audio while recording with Destructive Punch (Item #78780)

- After a record pass using Destructive Punch, there may be a waveform present but no audio recorded to disk.

Fixed: Surround sound compatibility update for TL Space Native Edition (Item #113681)

- Fixes surround sound compatibility when TL Space Native Edition is used with Complete Production Toolkit or Pro Tools HD

Fixed: Video and audio play back out of sync after recording with pre-roll enabled (Item #113765)

- Recording video with pre-roll enabled will cause audio and video to be offset by the pre-roll amount when playing back.

Fixed: Plug-in parameters may not restore correctly after reopening a session (Item #113475)

- When using the DSP Cache feature and opening sessions with automated plug-ins, certain sessions will not restore the saved plug-in settings correctly.

Fixed: Intermittently time code will not be generated when using Satellite Link (Item #113790)

- When using Satellite Link, a Sync I/O connected to one of the networked Pro Tools systems may intermittently fail to generate time code.

Fixed: "Audio engine play startup deadline was missed" while using Satellite Link (Item #114214)

- This would occur on Satellite systems that did not initiate playback. This error has been removed. If Satellite systems are encountering problems while linking, please contact Technical Support.

Fixed: Error message in Media Composer after importing a sequence from Pro Tools via Avid Interplay (Item #100505)

- When sending a sequence containing a group clip to Pro Tools and then back to Media Composer via Avid Interplay with Replace Tracks, the following error message is displayed in Media Composer: "Exception: Sequence refers to non-existent track in clip. Please turn off monitoring and re-edit reference to the following clip. You may then re-enable monitoring [clip name]."

Fixed: -7101 errors after multiple AudioSuite processes on local or Unity storage (Item #113573)

- Repeatedly clicking the Process button in AudioSuite plug-ins, i.e. 3-5 times in a row, may result in -7101 errors. Both local and networked storage, e.g. Unity Medianet, is affected.

Fixed: Unknown Exception error when using keyboard shortcuts to open a second MIDI Editor window (Item #113578)

- If one targeted MIDI Editor window is already open, using Start+= to open another MIDI Editor window would display the following error: "Could not complete the MIDI Editor command because an unknown exception occurred at address: 0x... in module: ProTools.dll."

Fixed: Cannot select the number of RTAS processors on a hyperthreading-enabled CPU (Item #114048)

- When working with a hyperthreading-enabled processor, Pro Tools does not allow selection of the number of RTAS processors in the Playback Engine dialog.

Fixes included from Pro Tools HD 8.0cs2:

Fixed: Regions Are Inadvertently Deleted and Pro Tools Crashes When Opening Sessions Which Had Their Session Start Time Changed (Item #113177)

- After changing the session start time and maintaining time code, Pro Tools will delete additional playlists and crash with a kernel panic after saving and closing the session. You may see any of the following errors prior to the crash: "Could not complete the close session command because basic_string::_S_create" or "Bus error" in thread "Main Thread", at address 0x0.

Fixed: Crash When Moving an Automated Plug-in from Inserts F-J to Inserts A-E (Item #113115)

- Moving (dragging) an automated plug-in from inserts F-J to inserts A-E while the automation lane for one of the plug-in's parameters is visible may crash Pro Tools.

Fixed: When Using Inserts F-J, Plug-in Automation Written to One Plug-In Will Overwrite Other Automation or be Erased (Items #113097 & #113120)

- Writing automation to one plug-in located on inserts F-J will cause the same automation data to be written to all other plug-ins located on insert F-J on the same track. Previously existing automation will be overwritten (or erased if the "Plug-In Controls Default to Auto-Enabled" preference is checked) after saving, closing and reopening the session.

Fixed: With a Surround Send, Pan Automation Gets Stuck in One Channel on Playback (Item #112702)

- When assigning sends to a bus sub-path and using the "follow main pan" function, send pan automation may get stuck and not play back dynamically.

Fixed: Avid Video Playback is Offset by Pre-Roll Amount When Pro Tools is Online (Items #112452 & #112456)

- When chasing time code and simultaneously playing back Avid video via Mojo, Mojo SDI, or AVoption|V10 hardware, setting pre-roll in Pro Tools will cause picture to be offset by the pre-roll amount. Additionally, video playback will stop before the end of the video clip.

Fixes included from Pro Tools HD 8.0cs1:

Fixed: Importing Audio Into a Session With Many Video Regions May Take a Long Time (Item #110829)

- Sessions containing many video regions may cause audio file import to take a long time. This affects importing from DigiBase or via drag and drop from the desktop and may cause delays of up to 10 seconds per file.

Fixed: Converting Sample Rate During Save Copy In or Import Session Data Adversely Affects Volume Automation (Item #111930)

- Saving a session copy with sample rate conversion to a rate different from the session's may result in erroneous automation ramps between breakpoints. This is mostly evident in scenarios where a static automation level had been changed over the duration of a single region.

Fixed: Crash When Removing Files that are also used in Transfuser (Item #107710)

- Removing a file from the Pro Tools region list or project browser may crash Pro Tools if another audio file with the same name is already used by Transfuser.

Fixed: Channel width changes may remove downstream mono plug-ins and related automation without warning. (Item #112589)

- Changing the channel width by inserting a mono-to-stereo plug-in to a mono track will remove a downstream mono plug-in (and all its automation data) that resides on underlying insert slots without warning.

Fixed: Satellite Protocol Communication Issues

- This fix is recommended for all users of Media Composer-based Video Satellite, Satellite Link, and Video Satellite LE
- When using Pro Tools 8.0cs1 or higher with Satellite Link or Video Satellite LE, all connected satellite systems must be running Pro Tools 8.0cs1 or higher.
- When using Media Composer-based Video Satellite with Pro Tools 8.0cs1 or higher, you must run Avid Media Composer 3.1.2 or higher. Media Composer 3.1.2 updates can be downloaded from the Avid Media Composer 3.x section at www.avid.com/download
 - [Avid Download Center](#)
- Pro Tools 8.0 cannot be connected as a satellite to other systems running Pro Tools 8.0cs1 or higher, or Media Composer 3.1.2 or higher.

Installation Instructions

Pro Tools HD 8.0cs3

To update to Pro Tools HD 8.0cs3:

1. Verify Pro Tools HD 8.0 is installed on your Pro Tools|HD system.
2. Quit the Pro Tools application if it is open.
3. Locate the Pro Tools HD 8.0cs3 update installer and launch it.
4. Follow the onscreen instructions to install Pro Tools HD 8.0cs3.
5. When installation is complete, restart your computer.

Pro Tools HD 8.0cs3 will update the following files to the **Product version** listed (use Properties > Details on a file to view Product version):

- ProToolsHD.exe (v8.0cs3)
- DAE.dll (v8.0cs3)
- DFW.dll (v8.0cs3)
- DHS.dll (v8.0cs3)
- DigiPlatformSupport.dll (v8.0cs3)
- DigiReWire.dpm (v8.0cs3)
- DirecIO.dll (v8.0cs3)
- DSI.dll (v8.0cs3)
- Elastic Audio.dpm (v8.0cs3)
- Ffmt.dll (v8.0cs3)
- ProTools.dll (v8.0cs3)
- ProTools_Resource404.dll (v8.0cs3)
- ProTools_Resource411.dll (v8.0cs3)
- ProTools_Resource412.dll (v8.0cs3)
- ProTools_Resource804.dll (v8.0cs3)
- SystemLink.dll (v8.0cs3)

- Time Shift.dpm (v8.0cs3)
- TL Space Native.dpm (v8.0cs3) — only if you have TL Space Native plug-in already installed (optional purchase)
- X-Form.dpm (v8.0cs3) — only if you have X-Form plug-in already installed (optional purchase)
- Cfnd.dll (v8.0cs2)
- DUI.dll (v8.0cs2)
- FireBob.dll (v8.0cs2) — only if you have Avid Video Engine installed
- SatelliteLinkEnabler.dll (v8.0cs1) — only if you have Satellite Link installed

Satellite Link

If you install the Satellite Link option on a satellite system, then update the satellite system to Pro Tools 8.0cs1 or higher, there is no need to download this separate update. The same file is included in the Pro Tools 8.0cs1 and 8.0cs3 updates.

If you install the Satellite Link option for the first time on a satellite system *after* installing Pro Tools 8.0cs1 or 8.0cs3, you should also download the separate "standalone" update for this option:

- Satellite Link 8.0cs1 (Windows) — for installation on the Pro Tools HD video satellite system, installs the following update:
 - SatelliteLinkEnabler.dll (v8.0cs1)

Pro Tools HD 8.0cs3 Read Me for Windows — June 8, 2009
