

Pro Tools HD 7.3.1cs5 Update for Mac OS X

October 1, 2007

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For Pro Tools|HD & Pro Tools|HD Accel Systems with Pro Tools HD 7.3 or 7.3.1 Only

- Universal installer for PowerPC and Intel-based Macs
- This update requires previous installation of Pro Tools HD 7.3 or 7.3.1
- *Please Note: If you are on 7.3, it is not necessary to update to 7.3.1 to use this update*

Who Should Use Pro Tools HD 7.3.1cs5?

This update is recommended for all Pro Tools HD 7.3 or 7.3.1 users.

Pro Tools HD 7.3.1cs5 contains fixes in the following areas:

- Editing
- Mixing
- Graphic updating

Plus fixes from Pro Tools HD 7.3.1cs1, 7.3.1cs2, 7.3.1cs3, and 7.3.1cs4:

- Using "Bounce To Disk"
- Importing audio files from field recorders (additional fixes to those in 7.3.1cs3)
- Importing OMFs
- Using DestructivePunch
- Customers using Gallery's ADRStudio
- Recording and editing
- Importing audio files from field recorders
- Playing and recording
- Mojo SDI*
- Digitizing using Mojo or Mojo SDI*
- Mac Pro (Pro Tools HD 7.3.1cs3 or higher *required* for 8-Core Mac Pro)
- DigiBase preview
- ICON
- Sends
- Logic Pro DAE configuration (PowerPC-based Macs only)

*PowerPC-based Macs only. Support for Avid video peripherals on Intel-based Macs is planned for a future Pro Tools HD software release in 2007.

Plus these important fixes from Pro Tools HD 7.3.1, required to avoid potential data loss:

- Editing
- Bounce to QuickTime movie
- Memory Locations
- CoreAudio

Pro Tools HD 7.3.1cs5 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, this version has not been fully qualified by Digidesign.

What's Fixed in Pro Tools HD 7.3.1cs5?

Pro Tools HD 7.3.1cs5 for Mac OS X contains the following:

Fixed: In Some Circumstances, a Trim Edit Could Not Be Constrained (Item #94425)

- The "constrain" command (Control+Trimmer) would not work under certain editing situations involving overlap/underlap.

Fixed: Closing and Reopening Session Could Toggle The Inactive/Active State Of Some Sends (Item #97716)

- This only would occur with Delay Compensation disabled

Fixed: Send Outputs Would Intermittently Stop Routing Audio (Item #88757)

- The workaround was to shuffle paths in the I/O Setup, use another bus path, or reopen the session.

Fixed: Regions Could Disappear From a Session After Neo Assertion Errors (Item #97360)

- In some cases, having to force quit after getting Neo Assertion errors could cause all regions to be removed from a session.

Fixed: Intermittent Graphic Freeze When Using Pro Tools (Item #82932)

- Pro Tools would continue to play while the GUI was frozen, with intermittent plug-in automation and MIDI playback, and then unfreeze.

Fixes Included from Pro Tools HD 7.3.1cs4

Fixed: Dither Was Incorrectly Being Applied During "Bounce To Disk" Operations (Item #94510)

Fixed - Importing Audio Files From A Sound Devices 744T Field Recorder Caused Time Stamp information to be inaccurately displayed in the Spot dialog (Item #90820)

- Note that the Workspace/Project browser displayed the correct time stamp information.

Fixed: Random Crashes When Using DestructivePunch (Item #94441)

- A restart was forced after these errors
- Errors included -9161, -9162, -6034, -6039, and "unable to communicate with audio hardware."

Fixed: An OMF Generated From Smoke Could Not Be Imported Into Pro Tools (Item #93481)

Fixed: Reliability of Gallery's ADRStudio Was Affected By a Change In Pro Tools 7.2 (Item #92013)

- ADRStudio's time code entry capability was affected.

Fixes Included from Pro Tools HD 7.3.1cs3

Fixed: Random Disappearance or Corruption of Regions On Tracks When Editing Or Punching In (Item #85976)

- Although this could occur while editing or recording over regions, the problem was most evident when QuickPunching over existing regions.

Fixed: Importing Audio Files From A Sound Devices 744T Field Recorder Causes Multiple Problems (Item #90570, 90726)

- Audio files would not have a Unique ID assigned to them
- An assertion, "FF AudioProperty.cpp, line 33" would be thrown when overviews were being calculated
- Audio could be unreadable by Pro Tools

Note: The following problem has not yet been addressed. We expect this fix in a future version of Pro Tools:

- Pro Tools cannot access the time stamp information in Spot mode

Fixed: Attempting To Play From The Beginning Of A Session May Fail (Item #85674, 93283, 93289)

- After the play command, the Play and Stop buttons flash, but Pro Tools does not play.
- Repeated attempts may result in a successful play
- *Note: Pro Tools 7.3.1cs5 fixes some, but not all occurrences of this issue. Digidesign will continue to investigate additional fixes for this issue.*

Fixed: Mojo SDI Could Not Directly Resolve To PAL Black (Item #90821)

- Note that Mojo SDI would switch to "internal sync" when changing the video format in Pro Tools

Fixed: Error: "Digitize Aborted Due to Dropped Frames" When Digitizing to Mojo or Mojo SDI (Item #91345)

- *Note: The fix covers most, but not all cases of this bug*
- PCI-x Power Mac G5 models are more likely to experience failures than PCIe (PCI Express) Power Mac G5 models.

Fixed: DAE Error -6042 During Record Could Result When Using a Mac Pro (Item #92185)

- This could occur using HD1 or HD2 when recording a very high number of tracks

Fixes Included from Pro Tools HD 7.3.1cs2

Fixed: Previewing Audio in the Workspace Could Cause an Assertion Error (Item #87627)

- This would occur if the previewed audio was the result of a search. Note that clicking on the waveform was not problematic.

Fixed: ICON Faders Can Become Offset From the Pro Tools Level (Item #87717)

- This could occur if the fader was moved without receiving a "touch on" and then touched properly.
- **Please Note:** After installing Pro Tools 7.3.1cs5, the user must un-declare, then re-declare the ICON main units and fader packs to prompt the firmware update dialog. If the ICON firmware is not updated, the fix will not be installed.

Fixes Included from Pro Tools HD 7.3.1cs1

Fixed: Adjusting Send Levels While Recording Audio Can Result in the Send Levels Resetting to "0" When Reopening The Session (Item #86186)

- This would occur if no automation had been written on the Send.

Fixed: Disabling "Auto Input Monitoring" on Logic Pro 7.2.x with DAE Results in Random Error Messages (Item #85250)

- This problem does not occur with "Auto Input Monitoring" enabled
- *Note: Logic Pro DAE configuration is only available with Logic Pro on PowerPC-based Macs. Logic Pro DAE configuration on Intel-based Macs is not yet available.*

Fixes Included from Pro Tools HD 7.3.1

Fixed: Intermittent Corruption After Saving, Closing, and Then Reopening a Session, Regions Were Missing or in the Wrong Location on the Timeline (Item #85755)

- As long as the session remained open, it would still playback correctly and with all playlists intact. The problem would not be observed until the session was closed and reopened.
- Any AutoBackup files created would have the same problem when subsequently opened.

Fixed: Bouncing to QuickTime Movie Could Produce a File Where Audio and Video Were Out of Sync (Item #85906)

- If the bounce duration exceeded the length of the video clip, the resulting movie would be stretched to fit the selection, resulting in a time-stretched picture.

Fixed: Performing "Undo Add Memory Location" or "Undo Edit Memory Location" Would Cause a Crash (Item #84814)

Fixed: On Intel-Based Macs, Snaps and Distortion Could Result When Using CoreAudio (Item #83316)

Updating Pro Tools

To update to Pro Tools HD 7.3.1cs5:

1. Verify Pro Tools HD 7.3 or 7.3.1 is installed on your system
2. Quit the Pro Tools application if it is open
3. Locate the Pro Tools HD 7.3.1cs5 installer and launch it
4. Follow the onscreen instructions to install Pro Tools HD 7.3.1cs5
5. When installation is complete, restart your computer

If you have installed previous updates, some file versions may not change. This update installs the following files:

- Pro Tools HD.app (v7.3.1cs5)
- DFW.framework (v7.3.1cs5)
- Surround Mixer.dpm (v7.3.1cs5)
- Stereo Mixer.dpm (v7.3.1cs5)
- Surround Dithered Mixer.dpm (v7.3.1cs5)
- Stereo Dithered Mixer.dpm (v7.3.1cs5)
- Command8.bundle (v7.3.1cs4)
- Control24.bundle (v7.3.1cs4)
- D-Command.bundle (v7.3.1cs4)
- D-Control.bundle (v7.3.1cs4)
- EditPack.bundle (v7.3.1cs4)
- HUI-MotorMix.bundle (v7.3.1cs4)
- ProControl.bundle (v7.3.1cs4)

- ProControl_M.bundle (v7.3.1cs4)
- SurroundPanner.bundle (v7.3.1cs4)
- FFmt.framework (v7.3.1cs4)
- DAE.framework (v7.3.1cs4)
- DirectIO.framework (v7.3.1cs4)
- VeDioIF.framework (v7.3.1cs3)
- VideoEngineDIO.bundle (v7.3.1cs3)
- Digi CoreAudio Manager.app (v7.3cs1)
- Digidesign CoreAudio.plugin (v7.3cs1)

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