

Pro Tools LE 7.4.2cs4 Update for Mac OS X (Leopard)

Pro Tools LE 7.4.2cs4 Read Me for Mac OS X – July 29, 2009

For 003 Factory, 003 Rack, 003 Rack+, Digi 002, Digi 002 Rack, Mbox 2 Pro, Mbox 2, Mbox 2 Mini, Mbox 2 Micro, and Mbox Systems with Pro Tools LE 7.4.2 for Mac OS X "Leopard" Only

- Universal installer for PowerPC and Intel-based Macs on Mac OS X 10.5.3 and 10.5.4
- This update requires previous installation of Pro Tools LE 7.4.2:
 - [Pro Tools 7.4.2 Information](#)

Who Should Use This Update?

This update contains fixes in the following areas:

- Playback
- File Management
- Time Shift Plug-in
- Core Audio
- Using original Mbox on Intel-based Macs

Plus previous fixes and changes in the following areas:

- Session/File Management
- Editing
- QuickTime Video
- Automation
- Reason Adapted
- Recording
- Modification: Expand to New Tracks by Time Code Only
 - *Requires DV Toolkit 2*
- DigiBase
- Fade files
- File Comments in WAV files
- MIDI
- Avid Mojo/Mojo SDI

Pro Tools LE 7.4.2cs4 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 Included in Pro Tools LE 7.4.2cs4 for Mac OS X?

Fixed: A play command in Pro Tools may not always engage playback on the first attempt (Item #114517)

- After a play command, the Play and Stop buttons may flash, however, Pro Tools does not playback. Subsequent tries would allow playback.

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: 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: OS X may become unresponsive while using Core Audio applications with Mbox 2 USB interfaces (Item #100422)

- The operating system becomes unresponsive (spinning beach ball, freeze, or "kernel panic" message), requiring a restart of the computer.

Please Note: Connecting or disconnecting an interface while the computer is turned on (hot swapping) can also cause problems with the operating system, such as "You need to restart your computer" (kernel panic) messages. This is a separate issue unrelated to the fix listed above. Hot swapping is not recommended with any audio interface, particularly when that interface is being used by an application.

Fixed: With Original Mbox on Intel-Based Macs, DAE Error -9136 Could Occur During Playback (Item #83438)

- This problem does not occur on any Mbox 2 products or PowerPC-based Macs
- Please note that for Intel-based macs only, this fix will add approximately 3ms of monitoring latency when performing with virtual instruments
- This fix eliminates many, but not all instances of error -9136 during playback with the original Mbox on Intel-based Macs. For other possible causes of -9136 errors, see the following article: [DAE error -9136 with an Mbox on Mac OS X.](#)

Included from 7.4.2cs3:

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: Problems moving multiple selected regions (Item #99538)

- If you selected several adjacent regions, clicking on one of them to move all selected regions will only move the region you clicked on.

Fixed: Incorrect multi-track audio import from QuickTime movies (Item #102279)

- Multi-track QuickTime movies import into Pro Tools 7.4 with each audio track containing a mix of all tracks, rather than individual tracks.

Included from 7.4.2cs2:

Fixed: Volume Breakpoints at "- inf" Could Change to Full Volume When Manually Trimming Automation (Item #104551)

- This could occur when trying to trim breakpoints at minus infinity down a few dB

Fixed: Pro Tools and Reason Crash When Loading "Machine" Patches on Reason Adapted Combinator (Item #106627)

- Only occurs in Reason Adapted, and does not occur when Reason Adapted is operated without Pro Tools

Fixed: When Recording, Waveform Overviews are Missing or Drawn with Gaps (Item

Fixed: When Recording, Waveform Overviews are Missing or Drawn with Gaps (Item #100862)

- The audio was not affected, and the waveform could be restored by re-calculating it after the record pass

Included from 7.4.2cs1:

Modified: Expand to New Tracks by Time Code Only (Item #102582)

Please Note: Time code features in Pro Tools LE require optional purchase of DV Toolkit 2

Expand To New Tracks By Time Code Only capability lets you expand a track or selected region to new tracks, revealing all other regions recorded at the same time code location, regardless of channel name or number. In previous versions, other metadata needed to match in addition to time code for this feature to work.

Background

This approach is useful when expanding edited guide tracks to original source audio which was recorded while referenced to time code, but channel names or numbers were not written to the audio files. For example, when a live concert is recorded in Pro Tools, then a guide audio track is edited along with the video, then the edited guide track is returned to Pro Tools and needs to be expanded to the original source tracks for mixing.

Additional Information

Please see the "Expand to New Tracks by Time Code Only Read Me" included with the download for important additional information, including:

- Typical Workflow
- Relinking the Original Unedited Guide Track
- Known Limitations with Expand to New Tracks by Time Code

Fixed: The following error is generated when selecting a 256 + comment in the Workspace: "The value contained too many characters; previous value substituted". (Item #100604)

Fixed: Attempting to Drag and Drop Files Containing iXML metadata from the Workspace Browser Would Result in No Import, and Assertion Errors (Item #100723)

- The assertion errors would occur when attempting to subsequently save the session
- Previous workaround was to use File > Import > Audio instead of drag and drop from the Workspace

Fixed: Despite Changing the Fade Shapes in the Fade Dialog, Fade-ins and Fade-outs Always Conformed to the Last Created Fade In and Out (Item #100913)

Fixed: WAV File Metadata Containing Non-English Characters Are Not Visible In Pro Tools 7.4.2, and Comments Can Be Lost if Edited (Item #100502)

- Although the file comments are invisible in the DigiBase comments field, clicking in that field will delete all of the comments
- This only affects non-BWF WAV files
- This CS version restores the visibility of WAV file comments, as long as the field wasn't clicked in using earlier versions of Pro Tools 7.4.2

Fixed: Only the First 16 MIDI Inputs Are Available In The MIDI Input Enable Window (Item #76712)

- Window cannot be resized, scroll bar doesn't access other MIDI inputs

Fixed: MIDI Playback Timing Could Become Erratic as H/W Buffer Size Increased (Item #100770)

#100756)

Fixed: A QuickTime Movie Played Using Mojo or Mojo SDI Could Jump Out of Sync (Item #100497)

- This would only occur if playback crossed 35min-45 seconds from the session start

Installation Instructions

1. Verify Pro Tools LE 7.4.2 is installed on your Pro Tools|HD system.
2. Quit the Pro Tools application if it is open.
3. Locate the Pro Tools LE 7.4.2cs4 update installer and launch it.
4. Follow the onscreen instructions.
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 LE.app (v7.4.2cs4)
- DAE.framework (v7.4.2cs4)
- DigidesignUSBDriver.framework (v7.4.2cs4)
- Time Shift.dpm (v7.4.2cs4)
- FFmt.framework (v7.4.2cs3)
- DigiReWire.dpm (v7.4.2cs2)
- DMC.framework (v7.4.2cs1)

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