

Pro Tools LE 7.4cs10 Update for Mac OS X (Tiger)

Pro Tools LE 7.4cs10 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 Only

- Universal installer for PowerPC and Intel-based Macs on Mac OS X 10.4 ("Tiger")
- Not supported on Mac OS X 10.5 ("Leopard")
- This update requires previous installation of Pro Tools LE 7.4

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
- Recording
- Reason Adapted
- DigiBase
- Fade files
- Automation
- Modification: Expand to New Tracks by Time Code Only
 - *Requires DV Toolkit 2*
- File Comments in WAV files
- MIDI
- Avid Video
- 003
- Plug-ins
- PAL/Mojo
- Scrubbing with Mojo
- User Interface
- Dynamics III
- Using Soundminer
- Avid Video Peripherals
- Elastic Time
- Digidesign Control Surfaces:
 - Command|8
 - C|24
 - Control|24
 - 003 Factory (console)
 - Digi 002 (console)

Pro Tools LE 7.4cs10 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 7.4cs10 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 7.4cs9:

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 7.4cs8:

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

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

Included from 7.4cs7:

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

- This could occur when trying to trim the breakpoints down a few dB.

Note: There was no Pro Tools LE 7.4cs6 release

Included from 7.4cs5:

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

Included from 7.4cs4:

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: WAV File Metadata Containing Non-English Characters Are Not Visible In Pro Tools 7.4, 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

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 #100756)

- This problem started in Pro Tools LE 7.4 for Mac OS X

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

Included from 7.4cs3:

Fixed: When Monitoring All Inputs on 003 Factory, Random Pops and Clicks Could Occur on Inputs 4-8 (Item #101084)

- Although this is not likely to occur on 003 Rack, this update is recommended for both 003 Factory (console) and 003 Rack

Fixed: Pro Tools Automation Thinning Could Sometimes Remove Non-Redundant Breakpoints (Item #100794)

- The thinning algorithm could mistakenly classify a breakpoint as redundant

Fixed: Certain Third Party Products Could Cause Pro Tools to crash (Item #100661)

- Celemony Melodyne and AudioEase Snapper would cause a crash with tick-based regions (introduced in Pro Tools 7.4)

Fixed: Mojo - PAL QuickTime or MXF Movies Could Stutter or Display in Black and White (Item #101047)

- This resulted from Mojo getting "stuck" in NTSC mode even when Pro Tools was set to PAL

Fixed: Scrubbing Avid Video on the Computer Monitor Would Resize the Picture (Item #100657)

Included from 7.4cs2:

Fixed: Track Color Coding Saturation Was Not Adjustable (Item #94474)

- Functionality is now the same as in Pro Tools 7.3.x

Fixed: Opening a Session with an RTAS Version of Dynamics III Could Result in a Burst of Noise (Item #99562)

- This problem was intermittent

Fixed: Errors Resulting From Importing Certain Files Using Soundminer (Item #100028)

- File names using an ellipsis (...) would cause the error, "Unable to create a new audio file on drive "xxx" for track "xxx" because I/O error (-36)."

Fixed: QuickTime Movies Would Cease to Play out Avid Video Peripherals After File Import (Item #100299)

- This would occur after importing audio files from the Workspace Browser

Fixed: Quantizing Grouped Elastic Audio Tracks Produces Some Inaccurate Transient Placement (Item #100013)

- Transients could be placed either before or after grid lines

Fixed: User Can Only Promote the Confidence of an Event Marker by Moving it (Item #100378)

- Clicking on any Event marker will now raise its internal confidence rating to 100%, thus preventing the marker from being removed when the Event Sensitivity setting is lowered within the Elastic Properties window

Fixed: Using Render or Commit With "Rhythmic" Algorithm Can Produce Artifacts at End of Files (Item #100420)

- This would usually occur when using extreme amounts of stretching

Fixed: Elastic Time Warp Markers Could Move After Quantizing (Item #100423)

- Quantizing a selected area could cause markers outside that selection to move

Included from 7.4cs1:

Fixed: Pro Tools quits unexpectedly when moving a plug-in window while closing it from a control surface (Item #99442)

- If a plug-in window was closed from a control surface while the plug-in window was being dragged across the screen, Pro Tools would quit unexpectedly.

Installation Instructions

1. Verify Pro Tools LE 7.4 is installed on your system.
2. Quit the Pro Tools application if it is open.
3. Locate the Pro Tools LE 7.4cs10 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 (v7.4cs10)
- DAE framework (v7.4cs10)

- DAL.framework (v7.4cs10)
- DigidesignUSBDriver.framework (v7.4cs10)
- Time Shift.dpm (v7.4cs10)
- FFmt.framework (v7.4cs9)
- DigiReWire.dpm (v7.4cs8)
- DMC.framework (v7.4cs4)
- 003.bundle (v7.4cs3)
- DHS.framework (v7.4cs3)
- Dynamics III.dpm (v7.4cs2)

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