Pro Tools LE 7.1 on Macintosh
for Pro Tools LE Systems on Mac OS X 10.4 ("Tiger") Only

Introduction

This Read Me documents compatibility details, known issues, error codes, and corrections to the guides for Pro Tools LE 7.1 on Digidesign-qualified Macintosh systems running a Digidesign-qualified version of Mac OS X. For the latest compatibility information, visit the Digidesign Web site (www.digidesign.com).

What's New in Pro Tools 7.1

Pro Tools LE 7.1 includes the following new or enhanced features:

Default Track Timebase when Creating New Tracks

When creating tracks with the New Track command, the Track Timebase (samples or ticks) will default to the timebase that was last used for the track type in the New Track dialog.

In addition, when creating new audio tracks with the Import > Audio to Track command or by dragging audio files into the timeline, the Track Timebase (samples or ticks) will default to the New Track dialog's last used timebase for audio tracks. Exceptions are tick-based file formats (such as ACID and REX files), which will default to ticks.

Support for Co-Installation of Pro Tools LE and M-Powered on the Same Computer

Pro Tools LE 7.1 and Pro Tools M-Powered 7.1 can be installed on the same Digidesign-qualified computer.

⚠ *Co-installation is only supported when Pro Tools LE and M-Powered have the exact same version number.*

To co-install Pro Tools LE and M-Powered on the same computer:

1 Install your Pro Tools LE or M-Powered system according to the instructions in its *Getting Started Guide*.

2 Install the other Pro Tools system according to the instructions in its *Pro Tools Getting Started Guide*.

🔆 *When installation is complete, Pro Tools session file icons will change to the icon type of the last Pro Tools system you installed.*

Compatibility

Digidesign can only assure compatibility and provide support for Digidesign-qualified hardware and software configurations. For a list of Digidesign-qualified computers, operating systems, and third-party devices, refer to the latest compatibility information on the Digidesign Web site (www.digidesign.com).

Database File Compatibility

Pro Tools 7.1 requires a new Digidesign database file format. Existing database files will be deleted upon launching Pro Tools 7.1 for the first time. Please re-index your drive(s) for faster searches.

Known Issues

The following sections document known issues you may encounter when using Pro Tools LE 7.1, along with workarounds if they exist.

MIDI Type 1 Files Exported from Pro Tools T 7.x Do Not Import Correctly into Pro Tools 6.x (Item #72181)

MIDI Type 1 files (SMF 1) exported from Pro Tools 7.x are not imported properly into Pro Tools T 6.x. MIDI tracks are created correctly, but the MIDI regions are not placed in playlists. Instead, they are inserted in the Region List only. The workaround is to drag the MIDI regions into the playlists.

AudioSuite and Region Groups (Item #64410)

AudioSuite plug-ins handle Region Groups slightly differently than audio files. With audio files, an AudioSuite process can be applied to all copies of a unique audio file which appear in your session by selecting your target as Region List in the Audio-Suite plug-in window and selecting Use in Playlist'. However, if your target is set to Region List in the AudioSuite plug-in window while you have a Region Group selected, Pro Tools does not recognize the Region Group as processable audio and will present a No Audio was Selected error. This is because a Region Group is not treated as audio until it is actually used in a track.

To apply an AudioSuite process to all copies of a Region Group in a session at once, do the following:

1 Select the Region Group to be processed.

2 From the Region menu, select Ungroup All. All elements of the group will remain selected.

3 Perform AudioSuite processing.

4 From the Region menu, select Regroup.

5 When prompted, select Modify to apply the AudioSuite process to all copies of the Region Group in the session, or select Copy to apply it only to the selected Region Group.

Software Instrument Does Not Emit Sound when Inserted on an Instrument Track or Auxiliary Input (Item #65797)

Some software instruments may not emit sounds and might not play. If this occurs, manually assign a hardware input to the Instrument track or Auxiliary Input, and/or manually assign a MIDI output to the Instrument.

Pro Tools is Not Compatible with Surround Audio in QuickTime Movies (Item #67350, 67351, 67353)

QuickTime 7 introduced the ability for QuickTime movies to have surround audio. Currently, Pro Tools is not compatible with QuickTime movies that have more than two channels of audio. Pro Tools cannot import from, or bounce to, multi-channel QuickTime movies. Also, the audio in multi-channel QuickTime movies is not recognized in the Workspace browser.

Copying Data from CD-ROMs (Item #54913)

After copying a session from a CD-ROM to a local drive it is necessary to change the permissions of the data. Choose File > Get Info, open the Ownership & Permissions pane, and change the permissions from "Read only" to "Read & Write."

G5 Performance Optimizations (Item #63888)

Please uncheck the "Put hard disks to sleep when possible" checkbox and set Processor Performance to "Highest" (located under the Options Tab) in order to optimize Pro Tools performance.

Burning CDs with iTunes while Pro Tools Is Running (Item #55192)

It is possible that Pro Tools will crash when you are simultaneously burning a CD with iTunes. Quit Pro Tools before burning CDs with iTunes.

Accessing Playback Engine after Opening a Recovered Session (Item #54319)

A recovered session from the "Session File Backups" folder must first be saved with a new session name before it is possible to access the Playback Engine dialog.

Error –5000 (Unknown Error) when Launching Pro Tools (Item #36130)

On a system with multiple partitions, if different Interlok Pace versions are installed on different partitions, Pro Tools will report an "Unknown –5000 error" on launch. To avoid this problem, install the same Pace components on all partitions on your system.

Missing Files when Opening a Session Created by a Lower Version of Pro Tools (Item #37572)

When opening some sessions created by a lower version of Pro Tools, some files may be missing. You should be able to relink these files in the Relink window by Name and Duration. In some cases Match Format may not result in found links.

Pro Tools 7.1 Information Is Lost When Saving a Session for a Lower Version of Pro Tools (Item #49923)

When saving a Pro Tools 7.1 session in 5.1-->6.9 format, only those attributes supported by that lower format will be maintained when the session is opened using a lower version of Pro Tools. For example, when saving a Pro Tools 7.1 session to Pro Tools 5.1-->6.9 format and then opening the session under Pro Tools 6.9, Instrument tracks will be split to corresponding MIDI and Auxiliary Input tracks. See the *Pro Tools Reference Guide* for more information on compatibility and session transfer.

MP3 Codec Exports Non-Copyright Files Only (Item #68985)

The new MP3 codec in Pro Tools 7.1 does not have the ability to encode an attribute for the file to be copyrighted. This is a limitation of the new codec from Fraunhofer.

Plug-Ins

Demo Mode with 7.1 Plug-Ins and Software Options

Digidesign 7.1 plug-ins and Pro Tools 7.1 software options no longer include time-limited demos. Instead, plug-in and option demos require an iLok USB Key and an iLok license for evaluation. If you would like to obtain a demo license, please visit the individual product pages located on the Digidesign Web site (www.digidesign.com) and click on the Demo button.

Conserving System Resources when Using ReWire (Item #43521)

In Pro Tools sessions that use ReWire (especially on single-processor computers), increasing the RTAS load (by increasing the number of RTAS plug-ins, or the number of RTAS plug-ins with low instance counts) can impact your system's CPU and result in performance errors. For best performance, record plug-in tracks to audio and inactivate plug-ins to conserve CPU resources.

Conserving System Resources in Sessions with Heavy RTAS Plug-In Loads (Item #43522)

On single-processor computers, increasing the RTAS load (by increasing the number of RTAS plug-ins, or the number of RTAS plug-ins with low instance counts) can impact your system's CPU and result in performance errors. For best performance, record tracks with plug-ins to audio and inactivate plug-ins to conserve CPU resources.

Importing Mod Delay I Plug-In Settings (Item #27486)

After importing Mod Delay I settings into Mod Delay II, you must save the settings in the Mod Delay II plug-in window for the settings to appear in the Mod Delay II Settings pop-up menu. For backward compatibility with sessions created with lower versions of Pro Tools and the Mod Delay I plug-in, a Pro Tools 6.0 compatible version of the Mod Delay I plug-in is available in the Beta Software folder on the Pro Tools Installer CD.

Video

Opening a Session with a QuickTime Movie as a Non-Administrator User Can Prevent the Movie from Playing Back (Item #47053)

If you open a session as a non-administrator user and you do not have permissions for the QuickTime movie file, Pro Tools will tell you that the movie file cannot be found and prompt you to relink. In the Relink window the movie can be found, and Pro Tools will *appear* to relink to it, but it will still not play back. For correct playback, make sure you have permission to use the QuickTime movie file.

Connecting or Disconnecting DV Devices While Launching Pro Tools May Cause DAE Errors (Item #35034)

Hot plugging a digital video device while launching Pro Tools may result in –6090, –6093, or –6097 DAE errors, or cause Pro Tools to unexpectedly quit. To avoid this, always connect digital video equipment and other FireWire devices before launching Pro Tools.

Unable to Maintain Original Time Code Locations (Item #37628)

(DV Toolkit for Pro Tools LE Only)

When redefining time code, Pro Tools may incorrectly report that it is "unable to maintain original time code locations with the entered start time because a region or an alternate playlist would exist outside the session boundaries. Click OK to maintain relative time code." If you click OK, the time code will be remapped properly.

DV Toolkit 2

Scrub Trim Tool Does Not Scrub Audio When Trimming Looped Regions (Item #72650)

If you use the Scrub Trim tool to enable the Loop Trimmer to trim a looped region, the audio will not be scrubbed.

Digi 002 and Digi 002 Rack

FireWire Reset Error (–6090) and Other Errors when Recording to a FW800 Drive (Item #73553)

If you are working on a pci-e G5 and recording to a FW800 drive while the Digi 002 is plugged into the back FW400 port, you may encounter a FireWire Reset Error (-6090) followed by -6093 or 6096 errors during recording. The workaround for this is to save your work and quit Pro Tools. Then eject your FireWire drive, turn off and disconnect your Digi 002, reconnect the Digi 002 to the FireWire port on the front of the G5, and turn the Digi 002 back on. After restarting your computer, recording should work as expected.

RTAS Performance at Low Buffer Sizes (Item #68171)

At very low buffer sizes (64 samples) certain RTAS plug-ins may expose diminished performance when more than one processor is selected for RTAS processing. In those cases please set the number of RTAS processors to 1 in the Playback Engine dialog (RTAS Processors selector).

Setting CPU Usage Limit Above 95% May Cause DAE Errors (Item #36196)

On Digi 002 and Digi 002 Rack systems, setting the CPU Usage Limit above 95% may cause –6086, –6093, or –6097 DAE errors. If a –6097 error occurs while Pro Tools is idle, reduce the number of plug-ins active in the current session. (This occurs only on dual processor Macintosh computer when the RTAS Processors setting in the Playback Engine dialog is set to 1 (one processor).

Pro Tools with Digi 002 or Digi 002 Fails to Launch After System Changes Are Made When Logged In As Root (Item #35315)

Making changes to your computer while logged in as root (or making *sudo* commands in the Terminal) may cause Pro Tools to fail to launch. If this occurs, fully shut down your computer and turn off the Digi 002. Then turn on Digi 002 and your computer again, and relaunch Pro Tools.

Firmware Updates Not Necessary When Switching Digi 002 Between Mac OS 9 and Mac OS X

If Digi 002 is used on a computer running Mac OS X, then later used on a computer running Mac OS 9, Pro Tools will prompt you to download a new version of Digi 002 firmware. This is not necessary. When the Download Firmware dialog appears, click Later to avoid updating the firmware. (If you do download the Mac OS 9 firmware—which again, is not necessary—then use Digi 002 with Mac OS X, you will be required to update the firmware for Mac OS X.) This dialog will appear each time Pro Tools is launched if Digi 002 is switched between Mac OS X and Mac OS 9. Ignore it.

Pro Tools LE with Digi 002 or Digi 002 Rack Does Not Synchronize To Incoming MIDI Time Code (Item #36448)

If Apple's Audio MIDI Setup application (AMS) is launched and left running before launching Pro Tools, Pro Tools LE with the Digi 002 or Digi 002 Rack cannot synchronize to incoming MIDI Time Code (MTC). Be sure to quit AMS before launching Pro Tools.

–6097 Errors or Pro Tools LE Freezes with Plug-In Heavy Sessions (Item #37973)

When creating or opening a session with more plug-ins than the host CPU is able to support, Pro Tools LE may repeatedly lose communication with the Digi 002 or Digi 002 Rack and report a –6097 error, or Pro Tools may freeze. To recover from this condition, you may have to turn off the Digi 002 or Digi 002 Rack and quit Pro Tools when prompted. Be sure to reduce the number of plug-ins before playing back the session on the same system.

Mbox 2

Mbox 2 Is Incompatible with Ozone Driver (Item #73599)

Mac OS X will not recognize the Mbox 2 if the Ozone driver is installed on the same system. If you want to use the Mbox 2, you must make sure that the Ozone driver is not installed.

Device Driver Conflict Between Mbox 2 and M-Audio's Fast Track Pro (Item #72780)

Pro Tools LE may fail to launch on Mac OS X when Pro Tools LE is co-installed with Pro Tools M-Powered and an M-Powered device is turned on during Pro Tools LE launch. If this happens, the workaround is to turn off and unplug the M-Powered device, then relaunch Pro Tools LE.

Mbox 2 Is Not Recognized By Pro Tools

Mbox 2 devices that have been updated with newer firmware to counteract an Apple PowerBook G4 compatibility issue may not be recognized by Pro Tools 7.1 software. In this rare case please install a newer "beta" Mbox 2 driver that can be found in the "Unsupported Software" folder on your Pro Tools 7.1 installer disc.

Audio Pop through Mbox 2 Outputs when Enabling/Disabling AC-3 Mode (Item #63293)

In the Mbox 2 Control Panel, checking or unchecking the option for AC-3 produces an audio pop through the analog output.

Mbox 2 does not Support Sample Rates of 49 kHz or Above (Item #63141)

Mbox 2 does not support sample rates of 49 kHz or above due to the bandwidth limitations of USB 1.1 and the USB Controller. This is only an issue when syncing to an external S/PDIF clock that is pulled up 2% or more above a nominal 48 kHz sample rate.

Mbox

Recommended Hardware Buffer Size for Mbox and Pro Tools LE (Item #38657)

Optimal disk performance with Mbox and Pro Tools LE will likely be achieved by setting the Hardware Buffer Size to 512 samples.

Mbox May Not Be Detected If It Is Connected While Pro Tools LE Is Launching (Item #43449)

The Mbox interface may not be detected if it is connected to the computer's USB connector during Pro Tools LE launch. For best results, connect Mbox to the computer before launching Pro Tools LE.

Mbox Mac OS X Firmware Updater Stalls (Item #35047)

The Mac OS X Firmware Updater for Mbox may stall when reconnecting the USB cable to Mbox. You will need to reboot your computer and run the updater again.

Mbox Hardware Setup Dialog Incorrectly Displays "No Interface" Under Peripherals (Item #37383)

When using Mbox, the Hardware Setup dialog may inaccurately display "No Interface" in the Peripherals section. This does not indicate a problem and can be ignored.

Apple Audio MIDI Setup (AMS)

Do Not Change AMS During Pro Tools Playback

To ensure optimal performance, do not change the AMS configuration while a Pro Tools session is playing. If you need to edit AMS, stop playback in Pro Tools first. You can then launch AMS from within Pro Tools by choosing Setup > MIDI > MIDI Studio Setup.

Error Messages

Error –6031 During Playback (Item #32637)

If you encounter a –6031 error while playing back a session with dense MIDI or automation, stop playback, save and close the session, quit and relaunch Pro Tools, then re-open the session before resuming playback.

Error –6093 with Canopus, Digi 002, and FireWire drive (Item #53011)

If you encounter –6093 errors during playback when using a Canopus ADVC100 DV converter with a Digi 002 and a FireWire hard drive on a Macintosh G5, connect the Digi 002 to one FireWire port and the hard drive and Canopus to the other FireWire port.

Error –6093 Operating System Held Off Interrupts for Too Long (Item #46779)

If you frequently encounter a –6093 error, increase the Hardware Buffer Size.

DAE Error –9073 when Recording to a FireWire Drive and the 2 GB File Limit is Reached (Item #42611)

When the 2 GB file limit is reached during recording to FireWire drives, a 9073 error is posted instead of the expected "Recording has been terminated because a disk is full" dialog. This error is benign, and does not signal any data loss or problem with the hard drive.

DAE Error –9073 other than when Recording to a FireWire Drive and the 2 GB File Limit is Reached

If you encounter a –9073 error, refer to the Answerbase for possible causes and solutions (www.answerbase.digidesign.com).

DAE Error –9128

In sessions with a 96 kHz high sample rate, you may need to set the Hardware Buffer Size to 512 or more to avoid –9128 errors during playback with many RTAS plug-ins or dense automation.

    – or –

If a –9128 error occurs during a long recording pass, set the CPU Usage Limit (Setup > Playback Engine) to the highest available setting (99%).

DAE Error –9132

If a –9132 error occurs during Bounce To Disk (even with the highest Hardware Buffer setting selected), bus the desired tracks to the appropriate number and format (mono or stereo) of audio tracks, then record them to disk, instead of bouncing.

DAE Error –9735

When Pro Tools reaches the end of its time limit in the time line, or if Pro Tools has been in continuous play for longer than the maximum time limit, you will encounter a DAE error –9735. The maximum time limit for Pro Tools depends on the session sample rate. For more information, see the *Pro Tools Reference Guide*.