

## **Pro Tools TDM 5.1.3cs11 Update (Mac OS 9 Only)**

### **Fixes Included with Pro Tools 5.1.3cs11:**

- Random Occurrence of Time Code Lock Dropouts

### **Fixes Included with Pro Tools 5.1.3cs10:**

- Tapping Fingers After Abort when Recording Online (Locked to Time Code)

### **Fixes Included with Pro Tools 5.1.3cs9:**

- Apple 23-inch Cinema Display Redraw Problems

### **Fixes Included with Pro Tools 5.1.3cs8:**

- Ascending Lock Up Time while Chasing Time Code

### **Fixes Included with Pro Tools 5.1.3cs7:**

- Potential Crashes when Starting Playback while Changing Parameter Values via Control Surfaces

### **Fixes Included with Pro Tools 5.1.3cs4:**

- Inconsistent Lock to PAL reference when in Remote mode

### **Fixes Included with Pro Tools 5.1.3cs3:**

- Error messaging for dropped video frames with AVoption|XL
- 24 fps export to Media Composer/Symphony
- BWF export to Media Composer/Symphony
- OMF crossfades offset audio on import
- Export with handles
- Avid Compatibility not enforced for batch export
- Exported OMF Fade files have no name
- Import OMF with Consolidate causes system crash

### **Fixes Included with Pro Tools 5.1.3cs2:**

- 44.1 kHz Files Convert and Import to 48 kHz sessions
- Beat Detective—Fixes to Conform Strength and Exclude Within
- Import with Apple Events does not clear Undo Queue
- Improved import, editing and export of OMF sessions
- MachineControl correctly identifying remote machines

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## What's Fixed in Pro Tools 5.1.3cs11?

Pro Tools 5.1.3cs11 contains the following:

### **Fixed: Random occurrence of time code lock dropouts (Item 15614)**

With previous versions of Pro Tools software and the Universal Slave Driver, Pro Tools would occasionally drop out of time code lock. This was due to a communication problem between Pro Tools and the Universal Slave Driver, which is fixed by this version of Pro Tools.

### **Fixed: Tapping Fingers After Abort When Recording Online**

When recording online (locked to time code), some users have experienced tapping fingers or crashes under the following conditions:

- Aborting a record pass (Command+period) and then starting another online record pass.
- “False starts” of external time code when in an online record-ready state.

### **Fixed: Apple 23" Cinema Display Redraw Problems**

When using the Apple 23-inch Cinema Display, some users have experienced problems with the waveform overviews not re-drawing correctly in the Edit window when scrolling down. Specifically, the waveform overviews, backgrounds, and grid lines are not drawn on the bottom-most tracks. This problem has been fixed. Other sizes of the Cinema Display do not appear to exhibit this behavior.

### **Fixed: Ascending Lock Up Time while Chasing Time Code**

While chasing time code for extended periods, the time taken by Pro Tools to achieve lock up may increase over time. When this problem occurs, the lock up time continues to grow until the system will finally fail to achieve lock. Pro Tools 5.1.3cs8 and higher addresses this issue by allowing the user to enter a fixed “minimum sync delay” setting. This setting is located in Setups > Peripherals > Sync Devices Dialog. The default setting is 30 frames. This number may be adjusted up or down to achieve optimum performance based on the performance of the hard drives in the system.

### **Fixed: Potential Crash when Starting Playback while Changing Parameter Values via Control Surfaces**

When entering playback, while simultaneously modifying parameter values via a compatible control surface, Pro Tools may crash if one or more tracks are record enabled.

### **Fixed: Inconsistent Lock to PAL reference when in Remote Mode**

Previously, when Pro Tools 5.1.3 had Remote mode enabled and was chasing a PAL (25 fps) master, lock-up was much less consistent than when chasing an NTSC (29.97 fps) master. Performance is now similar for both frame rates.

### **Error Message for Dropped Video Frames with AVoption|XL**

In the course of playing back video with AVoption|XL, individual frames may be “dropped” (skipped) if the storage sub-system is too slow or fragmented. Dropping video frames will leave the audio and video out of sync until the playback is stopped. To make the user aware that the audio and video playback are no longer in sync, Pro Tools 5.1.3cs3 and higher posts an error message as soon as a frame is dropped: “A buffer underrun occurred during video playback.” This fix requires installation of the new Meridien24p.dll file (see “Updating Meridien24p.dll (AVoption|XL Only)” on page 5).

### **Fixed: 24 fps Export to Media Composer/Symphony**

Avid Media Composer v11.0 and Symphony v4.0 and lower were unable to import 24 fps sequences exported from Pro Tools 5.1.3. This occasionally resulted in crashes or “File edit rate not equal to Project Edit rate” errors. This has been repaired. Note that the “Tape Name” field in the Publishing Options window of Pro Tools 5.1.3 has been changed to “Pro Tools Comments.” Text entered here will appear in an Avid bin in the Pro Tools Comments column.

**Fixed: BWF Export to Media Composer/Symphony**

Versions of Avid Media Composer and Symphony that support .WAV files were unable to import Broadcast WAV files exported from Pro Tools. This occasionally resulted in audible pops, or in system crashes. This problem has been repaired.

**Fixed: OMF Crossfades Offset Audio on Import**

Crossfades exported as OMF files from Pro Tools would cause the files which followed them on the timeline to be offset on import. This problem has been repaired.

**Fixed: Export with Handles**

Pro Tools 5.1.3 exported files without the correct “handles” as specified in the Export to OMF window. This has been repaired.

**Fixed: Avid Compatibility Not Enforced for Batch Export**

When exporting OMF files with Enforce Avid Compatibility checked, Avid Compatibility was not enforced if more than one file was being exported. Avid Compatibility is now enforced regardless of how many files are being exported.

**Fixed: Exported OMF Fade Files Have No Name**

When a Pro Tools session containing fades was exported as OMF, the fade files would import correctly to an Avid workstation, but would appear in the bins with no clip name. These files are now named “Fade.”

**Fixed: Import OMF with Consolidate Causes System Crash**

On occasion, importing an OMF track with Consolidate from Source Media selected in the Import Tracks dialog would cause a system crash. This has been repaired.

**Fixed: Importing 44.1kHz files to a 48 kHz session**

With Pro Tools 5.1.3, importing one out of every 256 44.1 kHz files into a 48 kHz session failed. With Pro Tools 5.1.3cs2 and higher, the files will correctly be converted to 48 kHz and imported to the session.

**Fixed: Beat Detective—Conform Strength and Exclude Within**

With Beat Detective, errors were found in the functionality of the Conform Strength and Exclude Within commands. These problems have been fixed in Pro Tools 5.1.3cs2 and higher.

**Fixed: Spot to Timeline with Apple Events Cleared Undo Queue**

Certain non-Digidesign applications like Gallery’s SampleSearch rely on Apple Events to interface with Pro Tools. With Pro Tools v5.1.x, importing a file via Apple Events could not be undone, making it impossible to undo any changes previous to the import. Pro Tools 5.1.3cs2 and higher add Apple Events to the Undo Queue.

**Fixed: Import of OMF Sequence with “Consolidate Source Audio Media” Fails**

With Pro Tools 5.1.3, importing an OMF sequence with “Consolidate Source Audio Media” results in “Could not complete the import tracks command because an assertion occurred in “FF\_AudioFile.cpp” line 606.” With Pro Tools 5.1.3cs2 and higher, this option functions correctly.

**Fixed: Editing Embedded OMF Sequences**

When working from an OMF sequence with embedded media in Pro Tools 5.1.3, if the sequence was opened with “Refer to Source Audio Media Where Possible” instead of “Copy Source Audio Media,” there could be irregularities in the editing behavior. Pro Tools 5.1.3cs2 and higher fixes these problems.

## Fixed: Machines ID as Generic1

In the Peripherals dialog of Pro Tools 5.1.x, if you query for the machine name multiple times, on rare occasions the machine will identify as Generic1, and not identify correctly afterwards. Pro Tools 5.1.3cs2 and higher fixes this problem.

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## Who Should Use This Update?

Pro Tools 5.1.3cs11 can only be used to replace the Pro Tools 5.1.3, 5.1.3cs2, 5.1.3cs3, 5.1.3cs4, 5.1.3cs7, 5.1.3cs8, 5.1.3cs9, or 5.1.3cs10 application. If you are using an earlier version of Pro Tools, you must first upgrade to Pro Tools 5.1.3, then install the Pro Tools 5.1.3cs11 application. Contact Customer Support for upgrade information.

This update should be used only by:

- Any Pro Tools TDM 5.1.3 user who uses a Universal Slave Driver
- Any Pro Tools TDM 5.1.3 user who uses online record (locked to time code)
- Any Pro Tools TDM 5.1.3 user who uses an Apple 23-inch Cinema Display
- Any Pro Tools TDM 5.1.3 user with Beat Detective
- Any Pro Tools TDM 5.1.3 user who uses Gallery or other sound file libraries which import files to Pro Tools sessions using Apple Events
- Any Pro Tools TDM 5.1.3 user with AVoption|XL
- Any Pro Tools 5.1.3 user with DigiTranslator 2.0
- Any Pro Tools TDM 5.1.3 user with the MachineControl option
- Any Pro Tools TDM 5.1.3 user with one of the following control surfaces: Digidesign ProControl, Digidesign Control|24, CM Labs MotorMix, Mackie HUI, JL Cooper CS-10, Peavey PC-1600, Penny & Giles MM-16 and DC-16, JL Cooper MCS-Panner, and others.

**⚠ Important:** *We recommend that only the Pro Tools users specified above use this update. Pro Tools 5.1.3cs11 is provided as an interim “customer support (CS)” release to address the issues described. While our testing has not shown these changes introduce other problems, this version has not been fully qualified by Digidesign.*


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## Updating Pro Tools

To use this fix, you’ll need to replace your existing versions of the Pro Tools application.

### To replace Pro Tools:

- 1 Drag the new Pro Tools application into the Pro Tools folder within your Digidesign folder.
- 2 Click OK to replace the older version. (Should you need to revert to the “older” version, reinstall Pro Tools 5.1.3 using the Pro Tools 5.1.3 installer.)
- 3 Note that if you have changed the memory allocation assigned to Pro Tools from the default setting, you will need to repeat the process and change the memory allocation.

 *Going forward, newer “customer support” versions of Pro Tools components may be made available to provide additional bug fixes. When available, these versions will be located on the Download page in the Support section of Digidesign’s Web site (located at [www.digidesign.com](http://www.digidesign.com)).*

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## Updating Merdien24p.dll (AVoption|XL Only)

To obtain error messaging for video buffer underruns with AVoption|XL, you will need to replace your existing version of the Merdien24p.dll.

### To replace Merdien24p.dll:

- 1 Drag the new Merdien24p.dll into the Video Engine folder inside the DAE folder, which in turn is inside your System Folder.
- 2 Click OK to replace the older version.