

Media Station|PT 2.7 on Windows and Mac

This Read Me documents known issues with Media Station|PT 2.7 software, as follows:

- Known issues related to general Media Station|PT features
- Known issues related to using Media Station|PT as a video satellite

Known Issues for General Media Station|PT Features

This section documents known issues you may encounter when using general features of Media Station|PT 2.7, along with workarounds if they exist.

Known Issues on Media Station|PT (Windows XP Only)

Launching Media Station|PT with an HD Core Card Installed May Cause Issues During Launch (Item #: UDevC00056533)

Digidesign does not officially support using Media Station|PT as a video satellite on a system with an HD Core card installed. In some cases, doing so may cause unexpected rebooting, blue screens, or access violations during launch.

As a workaround, do one of the following:

- Disable Satellite mode from the Special menu.



If the system is stuck in Satellite mode, you may need to delete the MCState settings file from C:\Program Files\Avid\Media StationPT\Settings.

- Disable all of the Digidesign HD drivers in the Device Manager.



When the Digidesign HD drivers are disabled, you will not be able to launch Pro Tools on the same system

Using Media Station|PT Co-Installed with Pro Tools May Cause Intermittent Audio Stuttering on Slower Systems (Item # UDevC00057001)

If you are using Media Station|PT in DNA mode installed on the same Windows XP machine as Pro Tools, audio may stutter intermittently during playback. This tends to occur only on slower Windows systems, or may occur when other applications are open and the system is running low on memory.

As a workaround, do any of the following:

- Quit all other open applications.
- Add more RAM to the system.
- Set Media Station|PT to 1394 mode when the quality of audio playback is critical.



This issue will occur more frequently on older, unsupported computers such as the Dell Precision 650.

Switching Project Formats While Using AVoption|V10 ADAT Optical Output Emits Loud Pops (Item # UDevC00090546)

When using Media Station|PT to switch between NTSC and PAL projects with an AVoption|V10 connected, the AVoption|V10 emits loud digital pops via the optical output while the project is opening. If the optical output is connected to a live input in a Pro Tools system or other device, it is recommended that you mute those inputs, or turn down your monitors while opening projects in Media Station.

Known Issues on Media Station|PT (Windows XP and Mac)

Full-Screen Playback of Sequence Containing Rendered Effects Displays Green Line (Item # UDevC00088812)

When Media Station|PT outputs a sequence containing rendered effects in 1394 mode using full-screen playback, a green line appears at the top of the monitor.

As a workaround, disable the Display Both Fields option in the Full Screen Playback dialog (Settings > Full Screen Playback).

Switching Between an NTSC Project and PAL-based HD Project Does Not Lock Avid Video Peripheral to PAL Video Reference (Item # UDevC00087778)

If Media Station|PT is installed on the same computer as Pro Tools, using Media Station|PT to open any project (including an HD project) causes the Avid video peripheral and SYNC to default to NTSC or PAL video reference. If an NTSC project was previously open, opening a PAL-based HD project such as 1080p/25 does not switch the Avid video peripheral to PAL mode and therefore the video peripheral will not resolve to PAL video reference.

As a workaround, switch the Project Type (located in the Format tab of the Project window) from HD to SD. (In other words, switch from 1080p/25 to 25p PAL.) This switches the Avid video peripheral to PAL mode and locks the peripheral to PAL black burst if it is connected. You can then switch the project back to HD with the peripheral remaining locked to PAL reference. This issue does not occur when switching between SD NTSC and PAL projects.

Importing a QuickTime Movie Containing Audio and Video of Different Lengths Causes Sync Issues (Item # 98307)

When you use Media Station|PT to import a QuickTime movie that contains audio and video of different lengths, audio and video may be out of sync or Media Station|PT may display an error message.

As a workaround, re-export the audio and video separately from QuickTime Pro or another application, making sure to use the DV codec for video and WAV for audio. Then import the audio and video files into Media Station|PT separately.

Switching Between NTSC and PAL Projects Causes Media Station|PT to Hang (Item # UDevC00092196)

If you use Media Station|PT to switch between NTSC and PAL projects when the project is set to Reference with the incorrect black burst signal connected, Media Station|PT hangs. For example, this occurs if you opened a PAL project with an NTSC black burst connected.

As a workaround, do one of the following:

- Connect the correct black burst signal prior to opening the new project.
- or –
- Disconnect the black burst while opening the project.

Installing Media Station|PT on Mac OS X Overwrites ATTO SCSI Drivers (Item # UDevC00092522)

When installed on Mac OS X, Media Station|PT 2.7 overwrites any ATTO SCSI drivers with version 4.0.0b1. If a higher version of the ATTO drivers are needed, you must re-install them after installing Media Station|PT.

Pro Tools 7.4 is qualified with ATTO version 4.2.0.

Known Issues for Media Station|PT Video Satellite Features

This section documents known issues you may encounter when using Media Station|PT 2.7 explicitly as a video satellite, along with workarounds if they exist.

Video Satellite Known Issues (Windows XP Only)

23.976 or 24 fps Sequence Start Time Ending In Digits Other than “:00” Causes Time Code Offset

Media Station|PT uses NTSC or PAL time code when setting the sequence start time regardless of the format selected by the user for display. When you are working on a video satellite project at 23.976 or 24 fps, a Media Station|PT sequence with a start time that ends in a value other than :00 causes an offset between Pro Tools and Media Station|PT at the session start. For example, the start time 45:02:10:15 (ending in :15) would cause an offset, but the start time 45:02:10:00 (ending in :00) would not.

As a workaround, always set your Media Station|PT sequence start time to a time code value ending in 00.

Cueing from Media Station|PT in a 720p Project Causes 1-Frame Offset (Item # 98460)


In 720p projects, Media Station|PT counts at 50 or 60 (59.94) progressive fps—depending on the project type—while Pro Tools counts at 25 or 29.97 frames per second. When you cue a sequence from the video satellite in a 720p project, the Pro Tools edit cursor can be offset by as much as one frame.

As a workaround, cue and play back from Pro Tools when working with a 720p project in a video satellite system. This ensures that the two applications are always in sync. It is not possible to cue to odd 50 or 60 frame boundaries (for example, frame 47) from Pro Tools.

29.97 Digital Cut Output Format in 23.976 and 24p Projects Causes Media Station|PT to Play Faster Than Pro Tools (Item # UDevC00082004)

When you are working with a 23.976 or 24p project in a video satellite, setting the Digital Cut Output Format to 29.97 causes Media Station|PT to play 25% faster than Pro Tools. This setting is intended for video-only transfers.

As a workaround, unlink Media Station|PT from Pro Tools during the digital cut. Note that appropriate Output Format setting for broadcast masters is 23.976.

 See the Media Station|PT Guide for detailed information.

Playing a Complex HD sequence with SD Down-Convert Enabled Causes Synchronization Error (Item # UDevC00091109)

If you down-convert a complex HD sequence in real-time while playing back a video satellite sequence in DNA mode, Media Station|PT may abort play and post the following message: “Synchronization error. Aborting play.”

As a workaround, do one of the following:

- Switch the project back to HD format and use 1394 mode to play back.
- Create a video mixdown of the sequence.
- Transcode the media to SD before playing back.

 See the Media Station|PT Guide for detailed information.

Changing the Edit Play Rate in Media Station|PT and Immediately Linking to Pro Tools Results in False Time Code Rate Error Message in Pro Tools (Item # UDevC00090252)

When you change the Edit Play Rate in Media Station|PT, it can take up to ten seconds for the system to register this change. In a 23.976p NTSC, 24p NTSC, 24p PAL, or 25p PAL project, Pro Tools may post a false Time Code Rate Error message if you link to the video satellite immediately after changing the Edit Play Rate in Media Station|PT. This may be followed by an Audio Clock Rate Error.

If your Pro Tools Time Code Rate and Audio Pull Up/Down settings are correct, you can ignore the error(s).

To confirm that your settings are correct, do the following:

- 1 Wait 10 seconds.
- 2 Unlink the video satellite and Pro Tools.
- 3 Re-link the video satellite and Pro Tools.

If all settings are correct, you will not see any Time Code Rate or Audio Clock Rate error dialogs.

Audio and Video May Drift Out of Sync in Satellite Mode in Certain Conditions (Items # UDevC00090064, UDevC00090078, UDevC00088666, UDevC00089437, UDevC00087542)

When operating in Satellite mode, audio and video output from Media Station|PT may drift out of sync by as much as one frame in any of the following conditions:

- When monitoring video in 1394 mode via full screen playback. This is due to the difference between the monitor's refresh rate and the video reference rate.
- When the Edit Play Rate of the video differs from the frame rate of the video reference signal. (For example, this occurs with a 24p NTSC project with 23.976 Edit Play Rate and NTSC reference signal.)
- When looping a selection that is not aligned to video frame boundaries in Pro Tools. As a workaround, make your selection in Pro Tools using Grid mode with the Grid value set to 1-frame increments—especially when it is necessary to loop several times without stopping.
- When starting playback from Media Station|PT running certain project types. As a workaround, it is always safest to start playback from Pro Tools.

Video Satellite Known Issues (Windows XP and Mac)

Media Station|PT Export Including Copied or Consolidated Media to a Location Other than the Pro Tools Session Folder Prevents Pro Tools from Automatically Locating Media Files (Item # UDevC00056745)

When you export an AAF or OMF sequence from a video satellite using the Copy All Media or Consolidate Media option, make sure to save media files to the root level of the Pro Tools session folder. This ensures automatic relinking of media when you import the AAF or OMF sequence into Pro Tools. Also, if you export a sequence from the video satellite with the audio storage mounted on the satellite system, save the AAF or OMF to the root level of the Pro Tools session folder, and choose Folder, then choose Use Same Folder as AAF/OMF file when exporting the sequence.

If the Avid MediaFiles or OMFI MediaFiles folder is located somewhere other than the root folder of the destination Pro Tools session, Pro Tools cannot automatically relink to the media. If you did not export the sequence to the Pro Tools session folder as described above, you can do either of the following as a workaround:

- Re-export the AAF or OMF sequence from the video satellite as described above.
- or –
- Use Pro Tools to manually search for the media by Name and Unique ID.

Initiating Playback in the Video Satellite at a Time Code Location Earlier Than Pro Tools Session Start Time Does Not Play Back (Item #: 94485)

When you initiate playback from a video satellite at a time code location that is significantly earlier than the Pro Tools session start time, neither application plays back. The exact time code range in which this occurs depends on your sample rate.

As a workaround, set the Pro Tools session start time to an earlier time code location.