



Avid® Editing Application

ReadMe for Media Composer® v7.0 and NewsCutter® v11.0

IMPORTANT: Avid periodically makes software updates available for download on [Avid.com](http://www.avid.com/us/support/downloads) at the following location: www.avid.com/us/support/downloads. Please check the above site regularly for information on available downloads for your product.

Important Information

Avid® recommends that you read all the information in this ReadMe file thoroughly before installing or using any new software release.

Important: Search the Avid Knowledge Base for the most up-to-date ReadMe file, which contains the latest information that might have become available after the documentation was published.

This document describes compatibility issues with previous releases, software installation instructions, hardware and software requirements, and summary information on system and memory requirements. This document also lists hardware and software limitations.

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Symbols and Conventions

Avid documentation uses the following symbols and conventions:

Symbol or Convention	Meaning or Action
	A note provides important related information, reminders, recommendations, and strong suggestions.
	A caution means that a specific action you take could cause harm to your computer or cause you to lose data.
	A warning describes an action that could cause you physical harm. Follow the guidelines in this document or on the unit itself when handling electrical equipment.
>	This symbol indicates menu commands (and subcommands) in the order you select them. For example, File > Import means to open the File menu and then select the Import command.

Symbol or Convention	Meaning or Action
►	This symbol indicates a single-step procedure. Multiple arrows in a list indicate that you perform one of the actions listed.
(Windows), (Windows only), (Macintosh), or (Macintosh only)	This text indicates that the information applies only to the specified operating system, either Windows or Macintosh OS X.
Bold font	Bold font is primarily used in task instructions to identify user interface items and keyboard sequences.
<i>Italic font</i>	Italic font is used to emphasize certain words and to indicate variables.
Courier Bold font	Courier Bold font identifies text that you type.
Ctrl+key or mouse action	Press and hold the first key while you press the last key or perform the mouse action. For example, Command+Option+C or Ctrl+drag.

If You Need Help

If you are having trouble using your Avid product:

1. Retry the action, carefully following the instructions given for that task in this guide. It is especially important to check each step of your workflow.
2. Check this ReadMe file for the latest information that might have become available after the documentation was published. Also check online for the most up-to-date ReadMe because the online version is updated whenever new information becomes available. To view the online ReadMe, select ReadMe from the Help menu, or visit the Knowledge Base at <http://www.avid.com/readme>.
3. Check the documentation that came with your Avid application or your hardware for maintenance or hardware-related issues. In addition to the printed documentation supplied with your editing application, the documentation is supplied in PDF format when you install the application. Topics that you print from the Help have limited page layout and formatting features. If you want to print a higher quality version of Help information, Avid recommends that you print all or part of the PDF version of the appropriate Avid manual included in the Online Library for your editing application. To access the Online Library, select Help > Online Library from within your Avid editing application.
4. Visit Avid Online Support at www.avid.com/onlineSupport/. Online support is available 24 hours per day, 7 days per week. Search the Knowledge Base to find answers, to view error messages, to access troubleshooting tips, to download updates, and to read or join online message-board discussions.

New in Media Composer v7.0 and NewsCutter v11.0

For information on new features, see the *What's New* pdf.

With this release, additional services are installed with the editing application. If you uninstall v7.0 or v11.0 of the editing application, you must also uninstall the Avid Editor Transcode from the Add Remove Control Panel.

Before Installing the Editing Application

Installation Information

Read through the *Installation Guide for Avid Editing Applications*. This document is available on the Knowledge Base.

Download Note

To avoid “File Path too long” or a “File cannot be copied” warning while unzipping the downloaded installer, try placing the installer .zip on the root level of your C:\ drive and unzip it from that location.

User Right to Raise Thread Priority

(Windows) Note for Administrators: You must give the user the right to “raise thread priority.” This must be done within the Domain Group Policy by giving the right explicitly to the user or giving the right to a group and adding the user to that group. You will not be able to launch as a regular user if this is not set properly.

Install as Administrator

You need to first install the editing application, EDL Manager, FilmScribe and MediaLog, as an Administrator. If you are in a Shared Storage environment, mount your workspaces as an Administrator. You may then log off and log back in as a Standard user, if necessary.

After Installing the Editing Application

Additional Services Installed with the Editing Application

Additional services are installed when you install the editing applications. These services are the Avid DMF Service and Avid Editor Transcode Service. These services are turned off by default. If you want to use these features, you must start the services. See [“Starting and Stopping Avid Background Services” on page 5](#).

AMA Plug-Ins

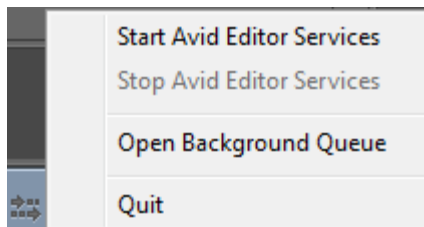
You cannot install the AMA Plug-ins while the editing application background services are running. Make sure you Stop the services before installing the AMA Plug-Ins. The stop/start background services icon is on the menu bar (Macintosh) or taskbar (Windows). Once you install the new AMA plug-in, restart the services. See “[Starting and Stopping Avid Background Services](#)” on page 5.

Starting and Stopping Avid Background Services

The editing application installs a Background Transcode service and a Dynamic Media Folder service. The minimum memory supported for using these features is 8GB RAM, although Avid recommends 16GB RAM for using Background Transcode and Dynamic Media Folders. **These services are off by default. You must turn the Avid Services On if you want to use either Background Transcode or Dynamic Media Folders.** You can choose to turn the services on or off either from the taskbar (Windows) or menu bar (Macintosh). Or you can choose to stop, start, or pause the services from within the editing application.

To Start and Stop the Avid Services Outside the Editing Application:

1. Click the Avid Editor Service Manager icon in the menu bar (Macintosh) or right + click the Avid Editor Service Manager icon in the task bar (Windows) and choose to Stop or Start the services.



The icon changes color to represent the state of the services; green (services active) - gray (services not active) or orange (services paused).

2. To restart the services, click the Avid Editor Service Manager icon (Macintosh) or right + click the Avid Editor Service Manager icon (Windows) and choose to Start the services.

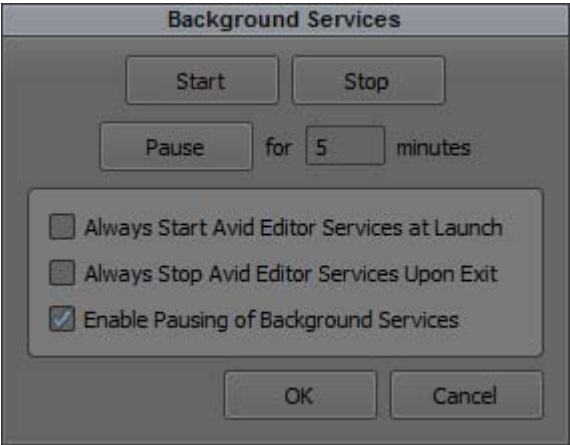


*If you choose to **Quit the Avid Editor Services**, the icon will no longer appear in the taskbar. To get the taskbar icon to appear again, select **Tools > Background Services**, enable “**Always Start Avid Editor Services at Launch**” and restart the application.*


To Start, Stop or Pause the Avid Services from within the Editing Application:


1. In the editing application, select **Tools > Background Services**.

The Background Services window opens.



2. Choose from the following options:

Option	Description
Start	Immediately starts the background services if they are currently stopped.
Stop	Immediately stops the background services if they are currently running.
Pause	<p>Allows you to explicitly pause the background services for the specified amount of time. This might be useful if you are experiencing a slow down due to background services and need to temporarily stop the services from running.</p> <p>If the pause time period ends and you are in the middle of a play operation, the pause time period is extended.</p> <p> <i>If you quit the editing application while the system is paused, the system will clear out the pause so that background services can resume.</i></p>
Always Start Media Composer Services at Launch	Select this option if you want the background services to start when you launch the editing application.
Always Stop Media Composer Services upon Exit	Select this option if you want the background services to stop once you exit the editing application.

Option	Description
Enable Pausing of Background Service	Select this option if you want to enable Pausing of the background services. Pausing can either be explicit using the Pause button in this dialog, or it can be automatically performed during critical UI operations such as playback, capture, and when using the Artist Surface.  <i>If you uncheck this option and click OK, the pause state is cleared out and background services will resume.</i>

3. Click OK.
- The services are either Active, Inactive or Paused depending upon the options selected.

Notes on Windows

Note the following topics if you are running the editing application on the Windows OS.

Disabling Desktop Compositing

When the Avid editor is launched you might see a dialog box asking you to disable desktop compositing. You can disable it without adversely affecting the Avid editing application.

You can choose to disable it and continue with your editing session. The dialog will appear once you relaunch the application unless you disable the option.

To disable the desktop compositing:

1. Access the Control Panel.
2. Double-click System.
3. Click Change Settings.
4. Click the Advanced tab.
5. Under the Performance area, click Settings.
6. Uncheck “Enable desktop composition.”

The dialog box requesting you to disable desktop compositing does not appear the next time you launch the editing application.

Notes on Software Licensing

Avid Media Composer with Symphony Option

With this release of the editing application, the Symphony editing application is no longer sold as a separate application. You can buy the Symphony features (Secondary Color Correction and Universal Mastering) as an option of the Media Composer application.

If You Upgrade Your Operating System

If you need to upgrade your operating system after you install your Avid editing application, first deactivate your software. After you upgrade your operating system and, if required, reinstall your application, you can reactivate your software. For information on activating and deactivating your software license, see the *Installation Guide for Avid Editing Applications*.

Minimum RAM Recommendation

For this release Avid recommends a minimum of 8GB of RAM. Some features might require more RAM and specific hardware. See [“Feature Performance” on page 23](#) for more info.

Qualified Hardware and Operating Systems

Some features are processor-intensive and require specific hardware. See [“Feature Performance” on page 23](#) for more info.

The following tables provide the information on qualified Windows and Macintosh hardware.

For 3rd-Party Open IO hardware qualification refer to the manufacturer’s documentation. See the Open IO Frequently Asked Questions document on the Knowledge Base:
http://avid.force.com/pkb/articles/en_US/faq/en422991

The following tables also list the qualified Operating Systems. Depending upon your hardware the qualified Operating Systems are:

- Windows 7 64-bit SP1(Professional) and Windows 8 (Professional and Enterprise)
- (Media Composer) Macintosh Mountain Lion v10.8.4

Macintosh OS Permission Information

As of Macintosh OS 10.7 Lion, the default permissions for the root level of the system drive are now set to “Read Only” for all users. This prevents the Avid Editing Application from being able to use this drive as a media drive. You will see the drive grayed out in Media Creation settings or as an option for import, mixdown, render, and consolidate/transcode.

If you don’t intend to use the system drive for media you can leave it alone. This is ideal in most cases.

If you do need to use the system drive, perform the following to change permissions.

To change permissions:

1. Click on your system drive (Macintosh HD in most cases) to highlight.
2. From the File menu select Get Info (cmd+I)
3. Click the lock icon in the bottom right to make changes
4. Click on the “Read only” text in the Privilege column next to Everyone and set the privilege to “Read & Write”

You should now be able to see the system drive as a valid media drive.



If you repair permissions on the system drive, they will reset and you will have to repeat this procedure.

Macintosh v10.8.x and AVCHD

If you are working with AVCHD and have Macintosh v10.8.x (Mountain Lion) OS installed in your system, the AVCHD folder will appear as a QuickTime icon. When performing an AMA Link, you must right+click the AVCHD QuickTime icon and select Show Package Contents. Then you can see the BDV folder. Right +click the BDV folder and select Show Package Contents. Then you can see the files needed to perform an AMA Link.

Qualified Workstations and Laptops

The following tables list the qualified workstations and laptops for Media Composer and NewsCutter editing applications.

Qualified PC Workstations with Avid Media Composer and Avid NewsCutter

The following PC Workstations are qualified with Avid Media Composer and NewsCutter.

Qualified PC Hardware	Graphics Card	Supported with
HP z820 Dual 8 Core Intel Xeon E5-2665 2.4 GHz	NVIDIA Q4000 or K4000	Software Only Nitris DX Mojo DX
HP z820 Dual 6 Core Intel Xeon E5-2640 2.5 GHz	NVIDIA Q4000 or K4000	Software Only Nitris DX Mojo DX
Lenovo D30 Dual 6 core E5-2640 2.5GHz or Dual 8 core E5-2660 2.2 GHz 16 GB DDR3-1600 memory	NVIDIA Q4000 or K4000	Software Only Nitris DX Mojo DX
Lenovo C30 Dual 6 core E5-2640 2.5GHz or Dual 8 core E5-2660 2.2 GHz 16 GB DDR3-1600 memory	NVIDIA Q4000 or K4000	Software Only Nitris DX Mojo DX
Dell T7600 Dual 8 core Intel E5-2665 2.4 GHz 16 GB DDR3-1600 memory	NVIDIA Q4000 or K4000	Software Only Nitris DX Mojo DX
Dell T5600 Dual 6-core Intel E5-2630 2.2 GHz 16 GB DDR3-1600 memory	NVIDIA Q4000 or K4000	Software Only Nitris DX Mojo DX
Lenovo ThinkStation E31, "Intel Xeon E3-1245V2 3.40 GHz 8 GB DDR3-1600 RAM	NVIDIA Q600 or K600 graphics adapter or integrated Intel HD Graphics P4000	Software Only
HP z800 Dual 6 Core, 2.66 GHz	NVIDIA FX Quadro 4800 and Q4000	Software Only Nitris DX Mojo DX
HP z800 Dual Quad Core, 2.93 GHz or 2.66GHz	NVIDIA FX Quadro 4800 and Q4000	Software Only Nitris DX Mojo DX
HP z420 6-core Intel E5-1650 3.2 GHz 8 GB DDR3-1600 memory	NVIDIA Q2000 or K2000	Software Only Nitris DX Mojo DX
Lenovo S30 6-core Intel E5-1650 3.2 GHz 8 GB DDR3-1600 memory	NVIDIA Q2000 or K2000	Software Only Nitris DX Mojo DX

Qualified PC Hardware	Graphics Card	Supported with
Dell T3600 6-core Intel E5-1650 3.2 GHz 8 GB DDR3-1600 memory	NVIDIA Q2000 or K2000	Software Only Nitris DX Mojo DX
HP z400 Single 6 Core 3.33 GHz	NVIDIA Quadro FX 3800 Quadro 2000	Software Only Nitris DX Mojo DX
HP z400 Single Quad Core, 3.06 GHz or 2.93 GHz	NVIDIA Quadro FX 3800 Quadro 2000	Software Only Nitris DX Mojo DX
HP Z220 Quad Xeon E3-1245V2 3.4 GHz 8 GB DDR3-1600 memory (Tower or SFF)	Q600 or K600 HD4000	Software Only
HP Z1 Quad Xeon E3-1245V2 3.4 GHz 8 GB DDR3-1600 memory All-in-One	NVIDIA K1000M	Software Only
Lenovo ThinkCentre Edge 92Z i7-3770S 3.1 Ghz 8 GB DDR3-1600 memory Quad core All-in-One	Intel HD4000	Software Only
HP z210 Quad Core Xeon 3.3- E3-1240, 3.4 E3-1270, 3.5 E3-1280	Quadro 600	Software Only
HP z200 Intel® Core™ i5-660 3.33 4MB/1333 Dual-Core	NVIDIA Quadro 600	Software Only
Dell™ T5500 Dual 6 Core, 2.66GHz	NVIDIA Quadro FX 4800 Quadro 4000	Software Only Nitris DX Mojo DX
Dell T5500 Dual, 2.93GHz Quad Core	NVIDIA Quadro FX 4800 Quadro 4000	Software Only Nitris DX Mojo DX
Dell T3500 Single 6 Core, 3.2GHz	NVIDIA Quadro FX 3800 Quadro 2000	Software Only Nitris DX Mojo DX
Dell T3500 Single Quad Core, 2.93GHz	NVIDIA Quadro FX 3800 Quadro 2000	Software Only Nitris DX Mojo DX
HP xw8600 Dual Quad Core, 3.0 GHz	NVIDIA Quadro FX 3700	Software Only Nitris DX Mojo DX

Qualified PC Hardware	Graphics Card	Supported with
Dell T5400 Dual Quad Core, 2.5 GHz or 3.15 GHz	NVIDIA Quadro 3700	Software Only Nitris DX Mojo DX

Qualified PC Notebooks for Avid Media Composer, and Avid NewsCutter

The following PC Notebooks are qualified with Avid Media Composer and Avid NewsCutter. The following applies to the editing system when running on a laptop:

- DNxHD capture is only supported on Mojo DX on a Quad core system with hyperthreading enabled. Nitris DX is not supported on laptops.
- Capture of 10 bit video for example, DNxHD 185x, is not supported on Mojo DX.
- Playback in full quality 10 bit mode is not supported

Qualified PC Notebooks	Graphics Cards	Supported With
Lenovo ThinkPad W530 "Intel Core i7-3720QM 2.6 GHz, i7-3820QM 2.7GHz, i7-3920XM 2.9GHz	NVIDIA Quadro K1000M or K2000M	Software Only Mojo DX
HP 8770w i7-3720QM 2.6 Ghz, I7-3820QM 2.7Ghz, I7-3920XM 2.9GHz 17" 1920x1080 - 8 GB 1600MHz DDR3 Memory	NVIDIA Quadro K3000M or K4000M	Software Only Mojo DX
HP 8570w I7-3720QM 2.6GHz, i7-3820QM 2.7 GHz 15" 1920x1080 - 8 GB 1600Mhz DDR3 Memory	NVIDIA Quadro K1000M or K2000M	Software Only Mojo DX
Dell M6700 i7-3740QM 2.7 GHz 17" 1920x1080 - 8 GB 1600Mhz DDR3 Memory	NVIDIA Quadro K3000M or K4000M	Software Only Mojo DX
Dell M4700 i7-3740QM 2.7 GHz, 15" 1920x1080 - 8 GB 1600Mhz DDR3 Memory	NVIDIA Quadro K1000M or K2000M	Software Only Mojo DX
HP 8760w i7-2820Q, i7-2820Q 2.2 or 2.3 GHz	NVIDIA Quadro 3000M Quadro 4000M	Software Only Mojo DX
HP 8560w, i7-2720Q, 2820Q, 2.2 or 2.3 GHz 17" 1920 x1080	NVIDIA Quadro 1000M Quadro 2000M	Software Only

Qualified PC Notebooks	Graphics Cards	Supported With
Dell M6600, i7-2720Q, 2820Q, 2.2 or 2.3 GHz 17" 1920 x1080	NVIDIA Quadro 3000M Quadro 4000M	Software Only Mojo DX
Dell M4600, i7-2720Q, 2820Q, 2.2 or 2.3 GHz 15" 1920 x1080	NVIDIA Quadro 1000M Quadro 2000M	Software Only Mojo DX
HP 8740w X820, X920 Quad i7 (1.73, 2.0 GHz) 17" 1920x1200	NVIDIA FX 2800M NVIDIA FX 3800M	Software Only Mojo DX
HP 8540w X720, X820 Quad i7 (1.6, 1.73 GHz) 15" 1920x1080	NVIDIA FX 1800M	Software Only Mojo DX
Dell M6500 i- 820Q, i7-840Q, i7-920X(1.73, 1.87, 2.0 GHz) 17" 1920x1200	NVIDIA FX 2800M NVIDIA FX 3800M	Software Only Mojo DX

Qualified Macintosh Workstations for Avid Media Composer

The following Macintosh Workstations are qualified with the Avid Media Composer.

Qualified Macintosh Hardware	Graphics Cards	Supported With
Mac Pro "Westmere" Two 2.66GHz 6-Core Intel Xeon (12 cores)	ATI Radeon HD 5770	Software Only Nitris DX Mojo DX
Mac Pro "Nehalem" 2.66 GHz or 2.93 GHz Dual Quad Core Intel Xeon	NVIDIA GeForce GT 120	Software Only Nitris DX Mojo DX
Mac Pro "Nehalem" Dual 2.26 GHz Quad Core Intel	NVIDIA GeForce GT 120	Software Only

Qualified Macintosh Hardware	Graphics Cards	Supported With
Mac Pro “Harpertown” Dual Quad Core 3.0 or 3.2 GHz	NVIDIA GeForce 8800 GT	Software Only Nitris DX Mojo DX
iMac 27” 2.9GHz Quad-core Intel i5, 3.2Ghz Quad-core Intel i5, 3.4 GHz Quad Core Intel i7	NVIDIA GeForce GTX 660M or NVIDIA GeForce GTX 675MX	Mojo DX (Thunderbolt) Software Only
iMac 21.5” 2.9GHz Quad-core Intel i5, 3.1GHz Quad-core Intel i7	NVIDIA GeForce 650M	Mojo DX (Thunderbolt) Software Only
iMac 27” Display Quad Core 3.4 GHz	ATI 6970M	Mojo DX (Thunderbolt) Software Only
iMac 27” Display Quad Core 2.93 GHz	ATI 5750	Software Only
iMac 21.5” Display Dual Core 3.6GHz	ATI 5670	Software Only
iMac 27” Display 2.8 GHz 4 GB Quad Core 1066MHz	ATI Radeon HD 4850 Graphics Processor	Software Only
Mac mini 2.3/2.6GHz quad core Intel i7	Intel HD 4000	Mojo DX (Thunderbolt) Software Only
Mac Mini Server 2.0 GHz i7 Quad core Thunderbolt - 4GB 1333MHz DDR3	Intel 3000	Mojo DX (Thunderbolt) Software Only

Qualified Macintosh Notebooks for Media Composer

The following Macintosh notebooks are qualified with the current editing applications. The following applies to the editing system when running on a laptop.

- HD Capture on Macintosh notebooks is not supported
- Playback in full quality 10 bit mode is not supported

Qualified Macintosh Notebook	Graphics Cards	Supported With
MacBook Air 13" - 2.0 GHz i7 Dual-Core Thunderbolt - 8 GB 1600MHz DDR3L	Intel HD4000	Mojo DX (Thunderbolt) Software Only
MacBook Air 13” 1.7GHz Dual-Core Intel Core i5 or 1.8GHz Dual-Core Intel Core i7	Intel 3000	Mojo DX (Thunderbolt) Software Only

Qualified Macintosh Notebook	Graphics Cards	Supported With
MacBook Pro 15" 2.3/2.6/2.7 GHz I7 Quad-Core - Retina & Thunderbolt 8 GB 1600Mhz DDR3L Memory	HD4000 GeForce GT 650M	Mojo DX (Thunderbolt) Software Only
MacBook Pro 17" 2.2/2.3/ GHz Quad Core i7	6750M Intel 3000	Mojo DX (Thunderbolt) Software Only
MacBook Pro 15" 2.0/2.2/2.3GHz Quad Core i7	6490M 6750M Intel 3000	Mojo DX (Thunderbolt) Software Only
MacBook Pro 15" 2.53GHz Dual Core i5 15" or 17" 2.66GHz Dual Core i7	GT 330M	Software Only 17" only - Mojo DX (no DNxHD capture)

Compatibility Chart

The following table lists the NVIDIA® driver, QuickTime®, Windows Media™, shared storage, Sony® XDCAM™, Panasonic® P2, and Pro Tools LE® versions that were qualified with the Avid editing applications. Also listed are the third-party applications such as Boris Continuum Complete, Avid DVD by Sonic™, and Sorenson Squeeze®.

Item	Versions	Comments
QuickTime Support	v7.7.4 (Windows) v10.x, (v7.x legacy) (Macintosh)	Note: QuickTime v10X does not include QuickTime Pro options.
Windows Media Version Support	Windows Media Player 12 (for Windows 7)	If you do not have Windows Media Player, access the download at www.microsoft.com . Windows Media export compatibility is subject to Microsoft Windows Media updates.

Item	Versions	Comments
Avid Interplay Support	See the Knowledge Base article “Interplay and Avid Editor Compatibility.”	IMPORTANT: The Avid Interplay components that get installed on the editing application must be updated to the Avid Interplay version that is released with the editing application. These include the Media Indexer, Interplay Access, Interplay Framework, Interplay Transfer Client and ProEncode Client. The Avid Interplay Server components can remain on the previous releases listed as supported. For details, see the “Avid Editing Application Compatibility with Interplay Releases” topic in the Avid Interplay ReadMe.
NVIDIA Driver Support	v310.90	See Setting up the NVIDIA Card. For setting up the driver for stereoscopic, see the NVIDIA setup info in the Stereoscopic 3D Workflow Guide.
Shared Storage Support	Avid Unity™ MediaNetwork and Avid Unity ISIS®.	See “ Shared Storage Support ” on page 23 .
Pro Tools		<ul style="list-style-type: none"> For information on supported versions of Pro Tools in an Interplay environment, see the Avid Interplay ReadMe or http://avid.custkb.com/avid/app/selfservice/search.jsp?DocId=353977&Highlight=Pro+Tools+Interplay For Co-install information, see Avid Editing Application Compatibility with Pro Tools. For Video Satellite information, see the Video Satellite Guide or http://avid.custkb.com/avid/app/selfservice/search.jsp?DocId=354337&Highlight=video+satellite
Sony XDCAM driver	v2.13 (XDCAM Transfer for Macintosh) Win 7-64 FAM 2.3.2 and VFAM 4.0.1	The VFAM firmware version is 2.45. The driver can be downloaded from Sony's website http://esupport.sony.com/ .

Item	Versions	Comments
Panasonic P2 drive	(Macintosh) No device support for Lion (Windows 7) Driver version for P2 devices:v2.16	There is currently no P2 writeback support for Macintosh clients.
Boris Continuum Complete	v8.1.1	Ships with: Avid Media Composer with Symphony option
Avid DVD by Sonic	v6.4.4	Ships with: Avid Media Composer Avid NewsCutter
Sorenson Squeeze	v8.5	Ships with: Avid Media Composer Avid NewsCutter
Avid FX	v6.3 (Windows) v6.3 (Macintosh)	Ships with: Avid Media Composer Avid NewsCutter
Avid Artist Series (Euphonix)	EuControl software v2.6.2 or later	See the User's Guide for information on Artist Series Color setup information.

Avid Editing Application Compatibility with Pro Tools

General Co-Installation Notes:

- Install Pro Tools first and then Media Composer.
- You must uninstall all older versions of Media Composer or Pro Tools before installing newer versions.
- Co-install does not support both applications launched simultaneously.
- When you uninstall Pro Tools, choose to uninstall just the application and not the audio drivers or the editing application no longer sees the devices. On a Macintosh Pro Tools 10 system, this is named the "Safe Uninstall." On a Macintosh Pro Tools 11 system no uninstallation is required. On a Windows Pro Tools 10 or 11 system, you must select the first uninstall option - "Pro Tools Only" - which is not selected by default.
- Mojo SDI will not be supported with Media Composer or Pro Tools 11, but can still be connected in a co-install configuration for use with Pro Tools 10.

- If you install and configure Avid Mojo DX or Nitris DX hardware on your system, the editing application does not use any connected Pro Tools audio device for audio input/output operations. You can also use these audio devices with a software-only version of your Avid editing application (Media Composer and NewsCutter).
- If you run into any issues, uninstall both applications and reinstall Pro Tools first, and then reinstall your editing application.
- Media Composer v5.0 and later and Pro Tools v8.0.3 and later do not include support for the Original Mbox. If you want to use the Original Mbox, you should use Media Composer v4.x and Pro Tools v8.0.1 instead.
- If you want to install your Avid editing application on a system with the Pro Tools Avid Video Engine installed, you must use one of the following configurations:
 - Media Composer v5.5/NewsCutter v9.5 and later with Pro Tools v9.0 or later.
 - Media Composer v5.0.x/NewsCutter v9.0.x with Pro Tools v8.5 or earlier.

Co-installation Configurations and Audio Device Support

Avid Pro Tools Applications

Pro Tools Product	MC/NC Software Only	MC/NC with Mojo DX	MC/NC/ with Nitris DX
Pro Tools Software Only	Co-install	Co-install	Co-install
Pro Tools HD Native	Co-install/ Audio Device	Co-install	Co-install
Pro Tools HD	Co-install/ Audio Device	Co-install	Co-install
Pro Tools HD, with chassis	Not Tested	Not Tested	Not Tested

Avid Mbox Family Audio Devices (3rd Generation)

Audio Device (Interface)	MC/NC Software Only	MC/NC with Mojo DX	MC/NC/ with Nitris DX
Mbox (USB)	Co-install/ Audio Device	Co-install	Co-install
Mbox Pro	Co-install/ Audio Device	Co-install	Co-install
Mbox Mini (USB)	Co-install/ Audio Device	Co-install	Co-install

Avid Mbox 2 Family Audio Devices

Audio Device (Interface)	MC/NC Software Only	MC/NC with Mojo DX	MC/NC/ with Nitris DX
Mbox 2 (USB)	Co-install/ Audio Device	Co-install	Co-install
Mbox 2 Pro (1394)	Co-install	Co-install	Co-install
Mbox 2 Mini (USB)	Co-install/ Audio Device	Co-install	Co-install
Mbox 2 Micro (USB)	Co-install	Co-install	Not tested

Other Avid Audio Devices

Audio Device (Interface)	MC/NC Software Only	MC/NC with Mojo DX	MC/NC/ with Nitris DX
Digi 002 (1394)	Co-install/ Audio Device (Windows)	Co-install	Co-install
Digi 003 (1394)	Co-install	Co-install	Co-install

Audio Device (Interface)	MC/NC Software Only	MC/NC with Mojo DX	MC/NC/ with Nitris DX
Eleven Rack (USB)	Not Supported	Not Supported	Not Supported
Fast Track Pro (USB)	Audio Device	Not Supported	Not Supported

External Controllers

Your Avid editing application supports the following external fader controllers or mixers for automation gain and pan recording or as control surfaces:

- Digi 002 (Windows only — Media Composer and NewsCutter)
- Command|8
- Avid Artist Control
- Avid Artist Mix
- Avid Artist Transport
- Avid Artist Color

External controllers or mixers are optional. They are not required for you to perform automation gain or pan recording on an Avid editing system.

The following table compares Avid external controllers and mixers.

Feature	Digi 002 (MC/NC only)	Command 8	Avid Artist Control	Avid Artist Mix	Avid Artist Transport	Avid Artist Color
Control surface for transport controls and other functions	Yes	Yes	Yes	Yes (transport only, no soft keys)	Yes	
Provides audio play, input, and output	Yes	No	No	No	No	
Record automation gain	Yes	Yes	Yes	Yes	No	

Feature	Digi 002 (MC/NC only)	Command8	Avid Artist Control	Avid Artist Mix	Avid Artist Transport	Avid Artist Color
Record automation pan	Yes	Yes	Yes	Yes	No	
Flying faders	Yes (8)	Yes (8)	Yes (4)	Yes (8)	No	
Touch-sensitive faders	Yes	Yes	Yes	Yes	No	
Touch-sensitive panners	No	No	Yes	Yes	No	
Solo/mute	Yes	Yes	Yes	Yes	No	
Supports audio mixing	No ^a	No	No	No	No	
Latch mode (also known as Snap mode)	Yes	Yes	Yes	Yes	No	
Number of steps of fader accuracy	1024	1024	1024	1024	Not applicable	

a. The Digi 002 can be used as a standalone audio mixer but not at the same time as it is being used as an automation gain or automation pan controller or control surface.

For more information on using these external fader controllers or mixers, see “Recording Automation Gain or Automation Pan Information” in the Help.

Setting up the NVIDIA Card

To set up the NVIDIA card, you must make sure you have the correct display driver version (install the display driver if necessary, and set the correct display settings. This version of the editing application requires the following Nvidia Driver: v310.90

The standard configuration requires that the Global preset of the Global Settings for the NVIDIA driver be set to “3D App - Video Editing.” However, with this setting, the Marquee Title tool will not launch. If you need to use Marquee, set the Global preset to “3D App - Default Global Settings.” If you do not use Marquee, keep the Global preset set to “3D App - Video Editing

Prior to setting up the NVIDIA card, check to make sure you have the correct display driver version. If you do not have the correct NVIDIA driver, you can install it from the Utilities folder that installs with your Avid application.

Installation files for these drivers are installed in the folder Program Files\Avid\Utilities\nVidia.

To check the NVIDIA display driver version:

1. Right-click the Desktop and select NVIDIA Control Panel. You can also open the Windows Control Panel and double-click the NVIDIA Control Panel icon.
2. Click System Information at the bottom left corner of the NVIDIA Control Panel.

The version number is listed in the Graphics card information section on the ForceWare version line.

To install the NVIDIA display driver:

1. Navigate to Program Files\Avid \Utilities \nVidia and double-click the folder that corresponds to your operating system.
2. Double-click the file for the applicable driver.
3. Follow the on-screen instructions, and then restart your system.

To setup multiple displays:

1. Right-click the Desktop, and select Nvidia Control Panel.
2. In the settings window in the left of the window, click Set up multiple displays.
3. Select or deselect the desired monitors listed.

To set Desktop Video Editing Mode:

1. Right-click the Desktop, and select Nvidia Control Panel.
2. In the menu bar, select Desktop. Enable Desktop>Video Editing Mode.
3. Click Apply.

To set the Prefer Maximum Performance mode and Global Settings:

1. Right-click the Desktop, and select Nvidia Control Panel.
2. Click Manage 3D Settings.
3. Set Global presets to Base profile.
4. In the Global Settings tab, change Power Management mode to Prefer Maximum Performance.
5. Click Apply.
6. Set the Global preset to 3D App-Video Editing.
7. Click Apply.

Reboot after installing the Nvidia software even if you are not prompted to do so.
Never use the Windows “roll back driver” feature on the Nvidia driver. The driver version must match the rest of the components the Nvidia installer installs.

Shared Storage Support

The editing application has been tested in a shared storage environment with the following.

With the initial release of Media Composer v7.0 and NewsCutter v11.0, there is no support for a Windows 8 ISIS client.

Editing Application Operating System	ISIS Clients	ISIS 5000 Server	ISIS2000 Server	ISIS 7000 Server
Windows 7 64-bit	v4.2	v3.2, v4.0.1, v4.0.3,	v4.1, v4.2	v2.4, v4.0.3, v4.0.4
Macintosh Mountain Lion v10.8.x	v4.2	v3.2, v4.0.1, v4.0.3	v4.1, v4.2	v2.4, v4.0.3, v4.0.4

Feature Performance

A number of features in this editing application are processor-intensive. As a result, you might experience problems if you are working on an older system. The following chart shows the hardware that Avid has successfully qualified when using these features. For a list of the qualified systems, see [Qualified Workstations and Laptops](#).

Feature	Description	Recommended System
DMF and Background Transcode	8 GB RAM minimum. 16 GB RAM recommended	See Qualified Workstations
Editing High Resolution Media (Higher than 2K+)	8 GB RAM minimum. 16 GB RAM recommended	Qualified Dual 6 Core, Dual 8 Core systems
J2K Capture		Qualified Dual 6 Core, Dual 8 Core systems

Feature	Description	Recommended System
Stereoscopic 3D	For optimal performance with Stereoscopic 3D, use these higher performance systems. Avid recommends a minimum of 12GB RAM when using Stereoscopic 3D.	Qualified 6 core Xeon Workstations
XDCAM HD50 Capture	Baseband capture through Nitris DX, Mojo DX	Qualified 6 core Xeon Workstations
HD RGB 4444 ProRes 4444 DNxHD 4444	HD RGB capture requires a high end workstation with Nitris DX and fast storage.	Qualified Dual 6 Core, Dual 8 Core systems Storage: 10Gb Ethernet ISIS,
AMA (RED)	AMA is a processor intensive operation. Older platforms may not offer optimum performance. you will get better performance with higher end workstations.	Qualified Xeon Workstations
AMA (QuickTime)	AMA is a processor intensive operation. Lower end platforms may not offer optimum performance. Highly compressed codecs such as H.264 will exhibit minimal real-time performance.	Recommendation of qualified systems depends on your planned use of this feature. Heavy usage of highly compressed codecs requires the high end systems. (Dual 6 Core or Dual 8 Core systems)
AVCI-Intra	AVC-Intra(AVC-I) is a high quality, low bit-rate HD codec and is very CPU intensive.	4-Way MultiCam Playback Dual Quad Core, Dual 6 Core or Dual 8 Core Systems Four Stream Playback: Dual Quad Core, Dual 6 Core or Dual 8 Core Systems

Limitations

The following limitations apply to the current version of the editing application.

AMA Link

- **Bug Number:** UDevC00180089. Performing an AMA Link to Black Magic DNxHD media is not successful. When linking to Black Magic DNxHD media, make sure to use the following workaround.

Workaround: Open the Import Settings dialog. Click the Image tab. In the Alpha Channel pane, select Ignore.

Avid Artist Color

- **Bug Number:** UDevC00157064. Some soft keys do not light up when you use the Avid Artist Color with your Avid editing application, including the following:
 - HSL Shift Layer: all soft keys
 - HSL Bank 2 Shift Layer: all soft keys
 - Curves: F8 and F9 soft keys
 - Curves Shift: F1, F3, F6, and F9 soft keys
 - Secondary: F2, F7, F8, and F9 soft keys
 - Secondary Shift: all soft keys

The soft keys listed above function normally even when they do not light up.

- **Bug Number:** UDevC00163957. Hue offset color wheels might not appear when you use Artist Color to enter Color Correction mode the first time after start your Avid editing application. Any parameter update will draw them.

Workaround: When you make any change in a parameter in the Color Correction tool, the color wheels appear.

- **Bug Number:** UDevC00156948. (The F2 soft key (Next HSL Subtab) does not function until after you apply a color correction to your footage. If you press F2 (Next HSL Subtab) on the Artist Color surface before you apply a color correction, you get a system beep and the subtab does not change.

- **Bug Number:** UDevC00157932. If you use the HSL shift control for trackballs, you might see the trackballs controlling the wrong monitor during shuttle. For example, if you press Shift and then use the right trackball to shuttle, and then move either the left or the center trackball, you might see the other trackballs now control the right monitor.
- **Bug Number:** UDevC00164772. When you first open the Color Correction tool, either with the Artist Color or with the mouse, incorrect color correction values might display in parameter fields. This problem is intermittent, and it does not occur after you change a parameter value.

Workaround: Adjust any parameter. The correct values display in the Color Correction tool.

- **Bug Number:** UDevC00164954. (Macintosh only): The EuControl application does not open when you select Edit Settings in the Controller Settings dialog box. To configure your EUCON device, you must open the EuControl application by clicking the EUCON icon in the dock, and then selecting Window > EuControl Settings.

Compatibility

- **Bug Number:** UDevC00166431. You might receive AMPI Subsystem errors when launching the editing application. Avid recommends that you refer to the following Knowledge Base article for information on possible causes.
<http://avid.custkb.com/avid/app/selfservice/search.jsp?DocId=377091>
- **Bug Number:** UDevC00151588. You must have the MediaNetwork client installed on your system in order to play linked AMA clips from the MediaNetwork shared storage.
- **Bug Number:** . The Standalone Transfer Manager will be supported with this release, except for compatibility with Airspeed Classic and Open I/O devices.

DMF

- **Bug Number:** . When performing an AMA Link to a file, do not use Autodetect for the AMA Plug-in choice. Choose the applicable Plug-in. And when performing an AMA Link to a volume, you should use Autodetect for the AMA Plug-in choice.
- **Bug Number:** . If you are using a removable drive or reader as a DMF watch folder, make sure that “Automatically AMA-link to volumes” is deselected in the AMA Settings.

- **Bug Number:** . The following media types are not currently supported with Dynamic Media Folders in Media Composer:
 - Uncompressed 8bit and 10b QuickTime files
 - QuickTime files that include an alpha channel
 - Sony XDCAM-EX

Effects

- **Bug Number:** . AVX 1 effects are no longer supported and will not be recognized in this latest version of Media Composer. Please contact the respective 3rd-party plug-in vendor for an AVX2 64-bit version of any existing plug-in that you might have purchased. The following Avid AVX1 effects will automatically be promoted to AVX2:
 - Avid Pan & Zoom
 - Region Stabilize
 - RGB Keyer

When you load a previously-generated sequence containing one of these effects, they will automatically be promoted to new corresponding AVX2 effects. These effects will not be recognized by earlier versions of Media Composer.

- **Modifying Pan Values in the Timeline:** You can display different pan values in the Timeline for different audio tracks by clicking the Clip Gain/Pan button in the Track Control panel and selecting one of the pan value options. However, if you want to manipulate pan control points (either adding a keyframe or adjusting a keyframe), you must make sure all audio tracks display the same pan values. To do this, Alt+click the Clip Gain/Pan button in the Track Control panel for any audio track and select a pan value option.

Interplay

- **Bug Number:** . (Interplay) Dynamic relink is not currently supported for media that requires pulldown. Therefore, you can only use it with clips where the media has been acquired at the native frame rate (without pulldown).
- **Bug Number:** . (Interplay) Pro Res formats can only be used by Avid editing applications that are in a non-Interplay environment. For any additional limitations regarding running an Avid editing application in an Interplay environment, see the Interplay ReadMe.

- **Bug Number:** UDevC00164931. (Avid Interplay and Windows 7) Can't locate Media Indexer on Avid editor after first install. After an initial installation of the editor and Interplay support software, the editing application may fail to locate the Media Indexer. This can happen if some of the Avid Service Framework services have not started correctly.

Workaround: Open the Workgroup Properties tool on the editor and check whether any of the services are not running. Restart any services as required. Then restart the Avid editing application again. You may have to do this the first few times that you start the editor. After a few times the services will begin starting automatically, even after a reboot.

iXML Metadata in BWA V Files

- **Bug Number:** . Multi-channel track identification information is not read from iXML
- **Bug Number:** . Markers in the iXML are not imported when the file is linked.
- **Bug Number:** . Implied channel group information by file name pattern, as used by the audio import code, is not available when using the WaveAIFFF AMA.
- **Bug Number:** . Channel group information, the iXML data that is used to group multiple mono files into a single clip, is not interpreted. To workaroud this, reconstruct the channel groups manually with AutoSync.

To reconstruct the multi-channel track identifications, set in the AMA setting link options for Multichannel audio prior to linking, or edit afterward with multi-channel audio pane of clip menu “modify” dialog.

Media Tool

- **Bug Number:** UDevC00164836. If the Media Tool window is set to Frame view, you might experience slow redraw issues when accessing large volumes of shared storage.

Output

- You cannot control down/cross conversion from the Video Output Tool when in TrueP mode for 1080p projects or when you are in Stereoscopic mode.

Workaround: When in stereoscopic mode or have True Progressive output set for 1080p projects, the down-convert and cross-convert options are not available. To output at a rate different than the project format, go to the Format tab and change the output project setting.

PhraseFind

- **Bug Number:** UDevC00166649. For best results with PhraseFind, Avid recommends using Avid certified storage solution.

Play

- **Bug Number:** UDevC00164987. After editing for an extended period of time, using the keyboard arrow keys to single step through the sequence might skip frames or move in the wrong direction.

Workaround: Minimize and maximize the editing application or change focus to another application and then back to the editor.
- **Bug Number:** UDevC00153838. You might receive an “Exception: The sequence or one of its source elements is too long to be played” error if you have a sequence over 12 hours.

QuickTime

- **Bug Number:** UDevC00159820. QuickTime Reference movies are not supported by QuickTime Player X. They are still supported in QuickTime Player 7 on the Macintosh. They are also not supported in QuickTime version 7.6.9 on Windows.

Stereoscopic 3D

- A software developer's kit is now available for 3rd-party partners who would like to build AMA plug-ins, AVX2 effects, or develop applications that support stereoscopic 3D media/sequences compatible with Avid Media Composer. This developer's kit is available on the Avid website.
- 720p Stereoscopic projects are not currently supported with Open I/O hardware from 3rd-party vendors.
- **Bug Number:** UDevC00164741. If a rolling title is used in an Over\Under stereo project, you may get the wrong scaling and cropping of lines.
- Stereoscopic projects are not supported on Avid Interplay.
- Multicam of stereoscopic clips is not supported.

- **NVIDIA 3D Vision**
 - Avid currently only supports the NVIDIA 3D Vision Home bundle (which includes the 3D glasses, emitter hub and display monitor). The 3D Vision Pro has not been successfully tested.
 - Full screen playback on an NVIDIA 3D Vision monitor is only supported on a Windows system.
 - Due to an NVIDIA driver issue, the first time that the full screen play window appears, the application will resize to a single monitor. Resize the application as necessary. You can reset your window positions by clicking on a toolset in the menu.
- **Bug Number:** UDevC00161499. Ancillary data output is not supported if you are working in full stereoscopic format.

Timeline

- **Bug Number:** UDevC00164751. If you have a sequence loaded in the Timeline, and you have waveforms on, clicking or dragging in the Timeline does not stop the waveform from drawing.
- Workaround:** Hold Cmd + . to stop the waveform from drawing.

XDCAM

- **Bug Number:** UDevC00177208. XDCAM Multicam media might appear choppy in the Source/Record monitors when you perform reverse playback with the J key.
- **Bug Number:** . You cannot export an XDCAM clip or sequence that is less than 2 seconds long.

User Interface

- **Bug Number:** UDevC00162819. You cannot copy and paste timecode values into the Source or Record monitors. To enter timecode in the monitors, select the monitor and then type in the appropriate timecode values.
- **Bug Number:** UDevC00164678. You can drag audio keyframes past adjacent audio keyframes. Moving an audio keyframe past another keyframe causes the keyframes to swap values. For example, set volume levels on two audio keyframes: Keyframe A for low volume (left keyframe) and Keyframe B for high volume (right keyframe). If you then drag Keyframe A to the right of Keyframe B, Keyframe A now displays the higher volume level.

- **Bug Number:** UDevC00164995. (Macintosh only) If you load a group clip into the Source monitor while in MultiCamera mode, the monitor displays the clip as if MultiCamera mode is still selected, although the action of loading the group clip actually causes the Avid editing application to enter Source/Record mode. If you play back the clip, you only see the linecut and cannot perform MultiCamera edits.

Workaround: To turn off the Multicamera mode display, select Special > Multicamera Mode, and make sure MultiCamera Mode is not selected.
- **Bug Number:** UDevC00165159. (Macintosh only) If you render a sequence containing a title by selecting Clip > Render In/Out or by right-clicking the sequence and selecting Render In/Out, the progress bar displaying the status of the render operation does not update and the application appears to become unresponsive. However, even though the progress bar does not advance, the rendering operation continues. When it completes, the progress bar closes.

Documentation Changes

The following documentation changes were made after the initial documentation release was finalized. These will be corrected in the next release of the product.

AS-11 Profiles

The Profile option in the “AS-11 Support” topic is not included with this release of the editing application. Disregard the optional steps included in the procedure in the Help.

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