



# Avid Editing Application

## ReadMe

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### Revision History

Date	Description
June 1, 2016	Updated <a href="#">New in Media Composer v8.5.3</a>
May 19, 2016	Added <a href="#">Changed in Media Composer v8.5.3</a> .
May 18, 2016	Updated to include fixed bug MCDEV-4625.

### Installing the Mac Editing Application

With the Mac version of the Media Composer v8.5.3 release, you **must** use the full installer if you are updating from version 8.5.0. If you are updating from version 8.5.1 or 8.5.2, you can use the patch installer.

### QuickTime Note

Please refer to the following article that discusses questions you might have concerning Windows QuickTime security issues. [QuickTime Support and Security on Windows Systems](#).

## New in Media Composer v8.5.3

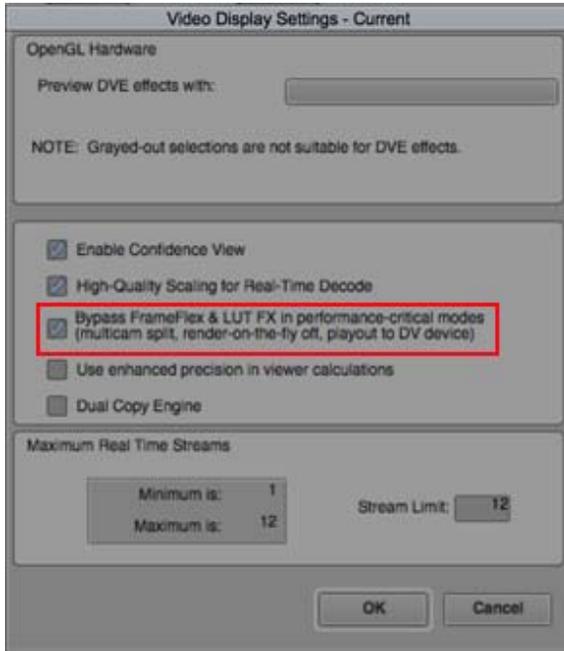
The following are new with Media Composer v8.5.3:

### Mac OS Qualification

Mac OS v10.11.4 has been qualified with this release.

### Color Adapter/LUT Support for MultiGroup Clips in Quad Display Mode

Previously, the color modifications from source clip Color Adapter/LUTs were bypassed during MultiCam playback of a group clip. This release adds LUT support for MultiGroup Clips in Quad Display Mode. A new setting has been added to the Video Display Settings window.



The default setting is to bypass Frame Flex and LUT effects when in performance critical modes such as MultiCam, Render-on-the-fly, or playing out to a DV device. If you want to include the FrameFlex or LUT effect during these performance critical modes, deselect this option.

### GPU Information

The following messages on launch let you know if GPU acceleration is being disabled. You can safely click OK to continue launching the editing application.

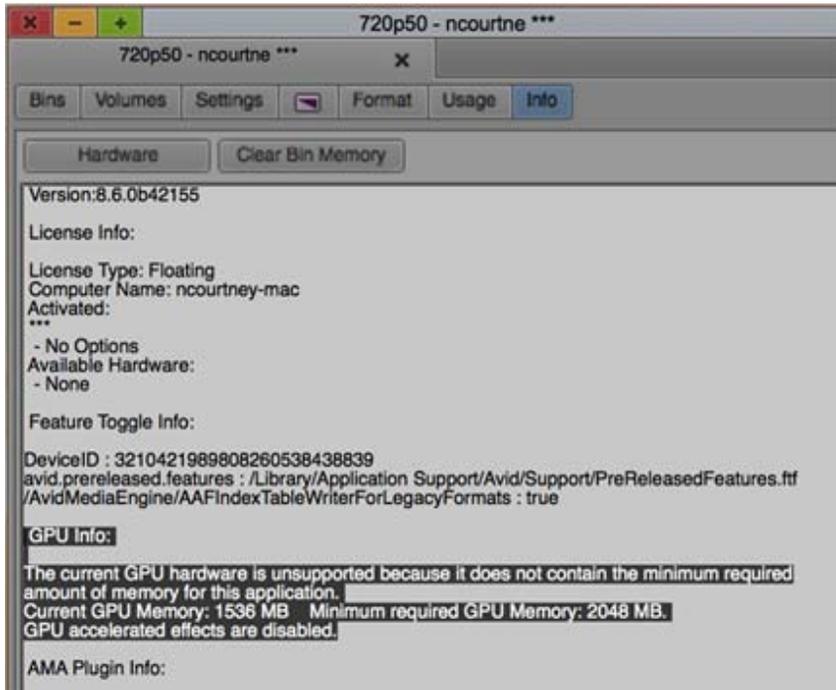
- **GPU Driver version is not supported**

“The current GPU display driver is unsupported. Found version: XXX.XX. Unsupported versions: XXX.XY, XXX.YY. Please install a supported driver and restart. If you continue working without a supported driver, GPU accelerated effects will be disabled resulting in reduced effects performance.

- **GPU unsupported on current Operating System**

“Your GPU hardware will not be enabled for use by this application because of the currently installed operating system version. Current operating system version: XXX.XX. Supported operating system versions for your GPU: XXX.XY or later. Please consider updating the operating system. Until then, GPU accelerated effects will be disabled resulting in reduced effects performance.”

Additional GPU information could appear in the Info tab of the Project window. If for example, your graphics card does not have the required memory (2GB), or your graphics card is not supported, the information appears in the Info tab.



### Disable GPU Effects Setting

If you are using an untested graphics card, and effects are not working properly, you can choose “Disable GPU Effects” in the Render Settings dialog box.

### Audio Project Settings Default

The Audio Bit Depth default is now 24. In previous releases, the audio bit depth default was 16.

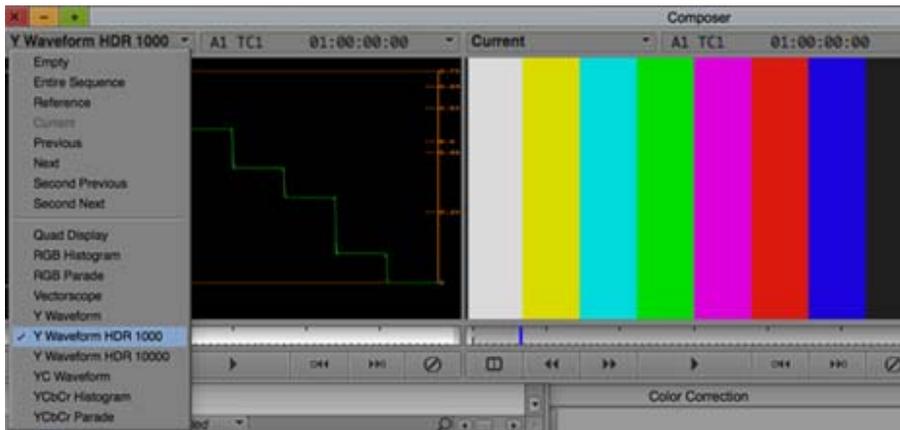
### Dual Copy Engine

A new Video Display Setting option, Dual Copy Engine, enables loading data to GPU from multiple threads. This performance improvement applies to graphics cards that support Dual Copy Engine. This option is enable by default for those cards that support Dual Copy Engine. If you enable this option for cards that do not support Dual Copy Engine, you will receive the following warning message.



### HDR Luminance Values Displayed in Nits

The editing application includes two additional waveform display types. With these waveforms (Y Waveform HDR 1000 and Y Waveform HDR 10000) you can see the HDR absolute luminance values in nits.



Waveform Display types to support HDR

When working in HDR projects, the traditional white point of a Rec.709 signal falls halfway on the curve once color adapters have automatically (or manually) been applied in the source settings. The dim images in the viewer will look correct on an HDR monitor.

## Changed in Media Composer v8.5.3

The following has changed in Media Composer v8.5.3.

## Removed Bin Tab in Link Settings

The Link Settings dialog box Bin tab has been removed. Previously, you could set the application to use the active bin for the linked clips, or you could set it to automatically create a new bin for the linked clips. With this release, the active bin is the default bin for linking media.

## Fixed in Media Composer v8.5.3

The following have been fixed:

- **Bug Number:** MCDEV-4625. (Mac) The editing application would hang when exporting QuickTime H.264 movies. This has been fixed.



*Some processes, such as exporting QuickTime H.264 movies, can be processor-intensive. As a result, you might experience performance issues if you are working on systems with less than 6 cores and less than 16GB RAM.*

- **Bug Number:** MCCET-1268. There were intermittent instances of the editing application crashing when closing a bin. This has been fixed.
- **Bug Number:** MCCET-1032. With the Capture Tool open, batch capturing with very long clip names resulted in a crash.
- **Bug Number:** MCCET-1195. (Windows) If you had a Internet browser window open, when accessing the Import Media Options window, the Browser window could pop up in front of the Media Composer application.
- **Bug Number:** MCCET-1217. Performing a Send to Playback from the editing application with no audio mixdown, as when Direct Out audio is selected, did not populate the Sent to Playback workgroup folder.
- **Bug Number:** MCCET-1074. Exporting an AAF mixed resolution sequence with Consolidate sometimes ignored the consolidate.
- **Bug Number:** MCCET-1198. In some instances, Media Composer created ISIS folders with “???” following the folder name and you could not quit the editing application until you deleted the folder.
- **Bug Number:** MCCET-1224. In a Media Composer | Cloud environment, after performing a remote download, the sequence may not have automatically relinked to the higher quality media which could have resulted in poor quality exports.

- **Bug Number:** MCCET-1246. In some instances, the editing application would crash if you removed an effect while in Effect Mode.
- **Bug Number:** MCCET-1282. If an adapter was added to a master clip or subclip, selecting Add Script Mark did not add a mark to the script.
- **Bug Number:** MCCET-1161. You might have received an “Exception - HagridBased” error when scrubbing with J-K-L keys.
- **Bug Number:** MCCET-1039. (Mac) MultiCam playback was sluggish compared to previous releases of the editing application.
- **Bug Number:** MCCET-1265 . Imported .scc files did not display in the client monitor.
- **Bug Number:** MCCET-1251 . The editing application crashed when creating a Cut list in the List Tool.
- **Bug Number:** MCCET-1263 . You might have crashed when trimming. This might have occurred when adding frames to the head of a clip.
- **Bug Number:** MCCET-1243 . The Post Deko Plugin was not initialized properly and may have caused it to not be listed in the Effects palette.
- **Bug Number:** MCCET-1165 . In a closed network, Media Composer would take a long time to display the launch splash screen.
- **Bug Number:** MCCET-1203 . (Nitris DX) When playing back or scrubbing a sequence that contained an Alpha matte and or Real time effects, you might have received a “legend audio communications” error.
- **Bug Number:** MCCET-735. You might have received an “Assertion failed” error when adjusting the audio on multigroup clips.
- **Bug Number:** MCCET-1202. You might have received a “Segmentation Fault” error when activating an AudioSuite plugin if your target drive was set to an external drive.
- **Bug Number:** MCCET-1194. When you searched for an effect in the Effects tab of the Project Window, and then switched to another tab and then back to the Effects tab, the list of effects was reset.
- **Bug Number:** MCCET-699. Bengali fonts did not display correctly in the NRCS tool.

- **Bug Number:** MCCET-1149. After performing a partial restore on a subclip created in Media Central | UX, Media Composer did not display the subclip as online.
- **Bug Number:** MCCET-1215. In some instances, the Record monitor was only displaying one line of a Subcap effect.
- **Bug Number:** MCCET-572. The duration of a sequence might have been wrong if Multigroup clips in the sequence contained a LUT.
- **Bug Number:** MCCET-866. Copying and pasting an L-shaped edit into a new sequence might have resulted in the sequence being out of sync.
- **Bug Number:** MCCET-1036. You could not select Host-1394 in HD project types.
- **Bug Number:** MCCET-546. (Media Composer | Cloud) After performing a remote upload, the aspect ratio might have changed from 16:9 to 4:3.
- **Bug Number:** MCCET-1054. In some instances, modifying a sequence with stacked effects, did not always rerender the effects that needed to be rerendered in the sequence.
- **Bug Number:** MCCET-1169. A number of AS-02 SMPTE updates have been included with this release.

## Limitation

- **Bug Number:** MCDEV-5520. (Mac OS v10.11.x) There is no title bar on the Batch Import or Relink dialog boxes making it difficult to see which file(s) you are looking for.

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