

Sony XDCAM AMA Plug-ins

PDZK-MA2 v.1.3 64-bit Release Notes

November 8, 2011

Features / Enhancements

The Sony PDZK-MA2 product allows XDCAM and XDCAM EX material to import into Avid products.

The Sony XDCAM AMA Plug-in allows you to import, play and edit MXF clips recorded on SxS memory cards and Professional Discs or stored on hard disks from within the supported Avid NLE products. The Sony XDCAM AMA Plug-in also supports proxy editing from certain Professional Disc devices.

The Sony XDCAM EX AMA Plug-in allows you to import, play and edit XDCAM EX content recorded on SxS memory cards or stored on hard disks from within the supported Avid NLE products.

The PDZK-MA2 v1.3 is released to provide support for auto import of SDHC card adaptors, LUT (Look Up Table) and 3D bin column information display, and XDCAM Station (XDCAM Professional Media Station).

LUT bin column display:

The Sony XDCAM EX AMA Plug-in will automatically identify LUT information for clips that were created with pre-defined LUT profiles, and display them in specific LUT bin columns. The bin column names that will display are "LUT Name" and "LUT File".

Stereoscopic 3D support:

With Avid 6.0 products Stereoscopic 3D support is provided within the application. Stereoscopic 3D clips imported into the bin will display information into many of the S3D columns. These include "S3D Channel" and "S3D Group Name" and "S3D Clip Name". When Link to AMA Volume is performed on an image with Stereoscopic 3D clips the "S3D Group Name" will be assigned a unique name that will allow the user to combine the Left and Right 3D clips into one Stereoscopic clip. This one Stereoscopic clip can be used to edit a 3D sequence.

XDCAM Station support:

The Sony PDZK-MA2 v1.3 plug-in allows reading of material from a Sony XDCAM Station device in supported Avid products through a CIFS (Common Interface File System) connection. Please refer to the XDCAM Station Operation Manual for more information on CIFS connections.

SDHC card adaptor support:

The Sony XDCAM EX AMA Plug-in supports the automatic import of clips from the SDHC card adaptors into Avid NLE supported products.

XDCAM EX Bin Column Name Change:

When importing XDCAM EX images there was a column named “lib:Alias”, but this has been modified. When importing XDCAM EX images the previous “lib:Alias” column name will now be displayed as “Title 2(Multi Language)”.

XDCAM PD Cache and Precharged Support:

XDCAM PD images that have been recorded using the Cache record option or the Precharge operation are supported with the PDZK-MA2 v1.3 64bit plug-in.

Supported Avid Products

Windows (PC)

- Avid Media Composer 6.0
- Avid NewsCutter 10.0
- Avid Symphony 6.0

Mac

- Avid Media Composer 6.0
- Avid Symphony 6.0

Installation Procedure

Prerequisites

Before installing the PDZK-MA2 v1.3 Plug-in, you should first install any required drivers or software required by the Sony XDCAM and XDCAM EX devices you will be using. In order to use:

- Professional Discs inserted using an i.LINK connected device:
 - Install the FAM Driver of the official release version.
- Professional Discs inserted using a USB connected XDCAM drive:
 - Install the XDCAM Drive Software of the official release version.
- SxS memory cards in FAT32 format:
 - Install the SxS Device Driver of the official release version.
- SxS memory cards in UDF format:
 - Install the SxS Device Driver and the SxS UDF Driver provided with the XDCAM Browser software.
 - Be sure to install the SxS Device Driver first.

Installing PDZK-MA2 v1.3 on Windows

1. Download the installer “*Sony PDZK-MA2 Installer v1.3-64bit.msi*”

2. Double click “*Sony PDZK-MA2 Installer v1.3-64bit.msi*” to run the installer.
3. Follow the instructions provided by the installer.

For detailed instructions, please refer to *Sony PDZK-MA2 Install Guide Windows v1.3-64bit.pdf*.

Installing PDZK-MA2 v1.3 on Mac OS X

1. Download the installer “*Sony PDZK-MA2 Installer v1.3-64bit.dmg*”
2. Double click “*Sony PDZK-MA2 Installer v1.3-64bit.dmg*”.
3. A removable disk called “*Sony_PDZK-MA2_Installer_v1.3*” will appear on the desktop and automatically open.
 - a. For Avid Media Composer users, double click the “*pdzkma2pluginv13mediacomposer60x.pkg*” installer.
 - b. For Avid Symphony users, double click the “*pdzkma2pluginv13symphony60x.pkg*” installer.
4. Follow the instructions provided by the installer.

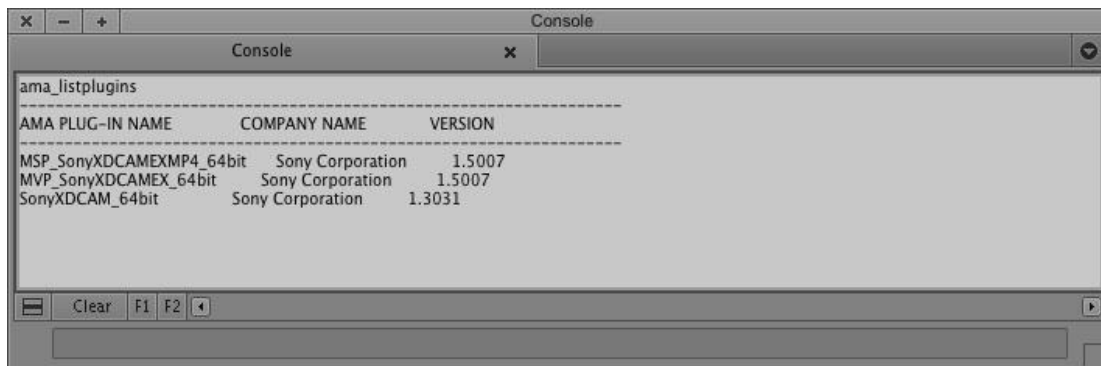
For detailed instructions, please refer to *Sony PDZK-MA2 Install Guide MAC v1.3-64bit.pdf*.

Version Information

Verifying the AMA Plug-in Version

The Sony XDCAM v1.3031 and Sony XDCAM EX v1.5007 AMA Plug-ins will be available after PDZK-MA2 v1.3 is installed. To verify the versions of the plug-ins:

1. In Avid, open the Console window by selecting **Tools > Console**
2. In the Console, type “*ama_listplugins*” and press **[Enter]**.
3. The *MSP_SonyXDCAMEMP4_64bit* plug-in and the *MVP_SonyXDCAMEX_64bit* plug-in will display a version of 1.5007. The *SonyXDCAM_64bit* plug-in will display a version of 1.3031.



Known Issues

General

- The **Audio Bit Depth** and other columns may display incorrect information when a spanned clip is imported.
- For Avid Products Known Issues, please refer to the readme files for each product located at [Avid Knowledge Base](#). Select from the menu options **Video/Media Composer/Readmes**, or **NewsCutter Family/Readmes**, or **Symphony/Readmes**.

XDCAM Memory

- The **CreationDate** may display the time the subsequent spanned files were created for a clip, instead of the time the first file of the spanned clip was created.

XDCAM Disc

- There is no support for 720p proxy clips.
- When using the Sony PDW-U1, if an XDCAM Disc is ejected and then the same disc is reinserted during the same Avid session, the clips might not come back online in Avid. To work around this issue, manually link to the XDCAM Disc using the *File > AMA Link to Volume...* feature or restart the Avid application.
- The **Video** column for XDCAM HD 1440x1080 18Mb/25Mb 29.97p media displays the frame rate as 60 and the **Format** column will display the frame rate as 59.94 in the bin.
- The **Video** column for XDCAM HD 1280x720 25Mb 50p/60p media displays as MPEG2-MP@HL (HD720P) in the bin.
- The **Video** column for XDCAM HD 1280x720 35Mb 50p/60 media displays as XDCAM EX 35Mbits (720p50) in the bin.
- If an XDCAM image has been modified by XDCAM Browser and saved the most compressed proxy material may not be able to display in Avid. Only the highest quality will display in Avid for these images.

XDCAM EX

- The **Video** column for XDCAM EX 1440x1080 35Mbps media displays as XDCAM HD 1440x1080 35Mbps in the bin.
- The **Video** column for XDCAM EX 1440x1080 25Mbps media displays as HDV 1440x1080 in the bin.
- The **Video** column for XDCAM EX 1440x1080 35Mbps 29.97p media displays as 59.94i in the bin.
- All XDCAM EX AMA media must be mounted and online when rendering or consolidating a sequence.

Voice-over

- Voice-over audio clips maybe offline if an image is linked over a network. In the console enter “alldrives 1” for Avid to view all drives as media drives.
- Consolidate or Transcode voice-over clips will fail either in a sequence or in the bin.
- Voice-over audio file will not display the full path to an image linked over the network.

ClipList

- ClipList sequences created from 720 50p and 60p formats will not have an assigned **Format** column. This column can be modified by the user to the desired format.
- Audio level adjustments applied to files in a ClipList are not supported by Avid.

XMPilot

- Some of the category names will have a PM in front of them to avoid conflicts. The list of category names that will have a PM in front of them are: Project, Assign ID, Creator, Title 1 (ASCII), and Title 2 (Multi Language).

XDCAM Station

- The software version of XDCAM Station is v1.14 or higher.
- One Avid workstation can access each XDACM Station at one time.
- Playback of 35Mb and 50Mb clips off the XDCAM Station is not fully supported and can result in stuttered playback and playback errors.
- It is recommended to perform a Link to AMA Volume to the XDCAM Station devices “INTERNAL” folder as opposed to the root folder of the XDCAM Station device. Linking to the root folder of the XCAM Station will work, but a “Bin Selection” window will be displayed which may cause inconvenience.

Stereoscopic 3D

- When performing the function “Populate S3D Group Names automatically” in Avid products on a Stereoscopic 3D AMA clip the existing S3D Group Names will be replaced and creating a Stereoscopic clip will not be possible. If this does occur please perform another Link to AMA Volume on the affected clip(s).

XDCAM PD User Data folder

- When performing a file transfer from SxS cards to an XDCAM PD using a device such as the PDW-HR1 some clips will be copied to the User Data folder of the XDCAM PD. Some of the clips will not import into Avid products when the user performs a Link to AMA Volume to the User Data folder. To correct this, the User Data folder must be opened in XDCAM Browser. XDCAM Browser will modify the image to allow it to be imported into the Avid products. The user must perform another Link to AMA Volume function to import the clips into Avid.

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