

Sony PDZK-MA2 v2.2 Release Notes

January 2013

Features / Enhancements

The Sony PDZK-MA2 product allows XDCAM and XDCAM EX material to be linked in Avid products.

The Sony XDCAM AMA Plug-in allows you to import, play and edit MXF clips recorded on the XDCAM Station (XDCAM Professional Media Station), SxS memory cards, 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 v2.2 is released to provide support for the Sony XAVC HD file format.

Supported Avid Products

Windows (PC)

- Avid Media Composer v6.0.x/v6.5.x
- Avid NewsCutter v10.0.x/v10.5.x
- Avid Symphony v6.0.x/v6.5.x

Mac

- Avid Media Composer v6.0.x/v6.5.x
- Avid Symphony v6.0.x/v6.5.x

Installation Procedure

Prerequisites

Before installing the PDZK-MA2 v2.2 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 UDF and FAT32 format:
 - Install the SxS Device Driver and the SxS UDF Driver of the official release version.
 - Be sure to install the SxS Device Driver first.

Installing PDZK-MA2 v2.2 on Windows

1. Download the installer "*Sony_PDZK-MA2_v2.2.msi*"
2. Double click "*Sony_PDZK-MA2_v2.2.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 v2.2.pdf*.

Installing PDZK-MA2 v2.2 on Mac OS X

1. Download the installer "*Sony_PDZK-MA2_v2.2.dmg*"
2. Double click "*Sony_PDZK-MA2_v2.2.dmg*".
3. A removable disk called "*Sony_PDZK-MA2_v2.2*" will appear on the desktop and automatically open.
 - a. For Avid Media Composer users, double click the "*pdzkma2pluginv22mediacomposer6xx.pkg*" installer.
 - b. For Avid Symphony users, double click the "*pdzkma2pluginv22symphony6xx.pkg*" installer.
4. Follow the instructions provided by the installer.

For detailed instructions, please refer to *Sony PDZK-MA2 Install Guide Mac v2.2.pdf*.

Version Information

Verifying the AMA Plug-in Version

The Sony XDCAM v2.2007 and Sony XDCAM EX v1.5007 AMA Plug-ins will be available after PDZK-MA2 v2.2 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_SonyXDCAMEXMP4_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 2.2007.

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 on the Avid website.

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

- When performing a consolidate or transcode on clips that reside on the XDCAM Professional Disc an error that reads, "Exception: Cannot create the AMA sample mapper to play this clip.", can occur if the "Clear Monitor" option in the Source Viewer and Master Viewer are not performed first. This only occurs on Mac OS's with High Resolution material.
- 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 35Mbps (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.

XAVC HD

- Single stream playback of XAVC HD files are supported on machines with 4 core processors or more.

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 supported firmware version of XDCAM Station is v2.14 or higher.
- One Avid workstation can access each XDACM Station at one time.
- Playback of only one clip at a time is supported. Therefore, simple, cuts-only editing is recommended with the XDCAM Station devices. The “slipping” of audio or video tracks or “split edits” such as “J” or “L” cuts may also cause performance degradation. To avoid playback issues be

sure to maintain source timecode alignment between the audio and video tracks of a clip after it is added to the timeline.

- 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 XDCAM Station will work, but a “Bin Selection” window will be displayed which may cause an inconvenience.
- A copy of a streamchase clip is created once it finishes growing. This occurs when performing a “Refresh In-Progress AMA Clips” operation with clips coping from the PD or SxS drives to the internal XDS drive. This only occurs if the XDS Transcode menu option is set to “On”.
- Realtime playback is not supported when accessing XAVC HD files on the XDCAM Station directly.
- Streamchase of XAVC HD files are not supported in Avid products.
- Streamchase is not supported with Avid Media Composer v6.0.3, Symphony v6.0.3, and all versions of NewsCutter.

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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