

Release Notes - XENA Version 3.5



General

If you are installing for the first time please read the “ReadMeFirst.PDF” located on the installation CD. This software release adds new features and improves functionality of the XENA LS/LSe, HS, LH/LHe, and 2K/2Ke cards from AJA.

Requirements

- For system recommended system configurations, please see: http://www.aja.com/html/support_xena_rec_sys.htm
- QuickTime™ 7.1.5 or higher must be installed on the workstation for proper XENA operation.
- Operating Systems Required: Windows XP (32-Bit) or Windows Vista (32-Bit or 64-Bit) (Business, or Ultimate)

New Features and Improvements

- DVCProHD Support – This build includes a DVCProHD Library. It enables XENA users to capture, edit, and play back DVCProHD compressed QuickTime files in XENA supported Applications. For more information, please read the white paper titled “DVCProHD Editing with KONA and XENA” which can be found here on the AJA website: http://www.aja.com/html/support_doc.html
- Removed Licensing restrictions that prevented XENA software and plug-ins from working with hardware that was sold either as a XENA or as a KONA. Now all of the following cards can be used in Windows with the retail XENA software: KONA LS/LSe, KONA LH/LHe, KONA 3/3x
- Added Assemble Edit features to Machina and to the AJA capture Plug-in in Premiere Pro. These features create a two step process for Assemble Editing. The tape must have at least a few seconds of time code already on it in order to do this. If it does not have any time code, a small segment near the front of the tape should be blackened to provide this initial time code. Assuming use of a blank tape, use this procedure:
 1. Blacken the Tape – This must be done in Machina
 - i. Insert the tape and be sure it is cued to the right location

- ii. Check that the video cables and RS422 are connected correctly
 - iii. In the lower right hand corner of the 'Play' tab in Machina, set the 'Edit/Output' toggle to "Edit".
 - iv. Next set the toggle button below, to "Blacken Tape"
 - v. In the time code clock to the immediate right of the toggle buttons, enter your desired beginning time code
 - vi. Click the green 'Record' button and allow the deck to blacken about 30 seconds of the tape
2. Punch-In Assemble - This can be performed either in Machina or Premiere Pro
 - i. Cue the tape to a location where there is time code
 - ii. Set the edit toggle to "Punch-In Assemble"
 - iii. Specify the time code where you would like the "Punch-In" to begin
 - iv. Set the time code generation setting on your deck to "regen"
 - v. Click the record button to begin the assemble edit.

Resolved Issues

- Fixed a bug which caused some systems to have extremely slow keyboard response time when trying to control timeline playback in Adobe Premiere Pro
- Corrected several XENA based Adobe Premiere Pro project presets

Known Issues and Limitations

- The provided DVCProHD Library is not the same as a Quicktime DVCProHD Codec. Playback of DVCProHD Quicktime files in applications that are not explicitly supported by AJA plug-ins will require a 3rd Party DVCProHD Quicktime codec .
- When stopping playback in the Adobe Premiere Pro timeline, the CTI may jump back 1-2 frames.
- Exporting QuickTime files from Adobe Premiere Pro should be done using AJA's file exporters. Using the QuickTime file exporter provided in Premiere Pro in conjunction with AJA's may cause Premiere Pro to crash.
- AJA Device Control dialog panel in Premiere Pro must be closed prior to closing the Premiere Pro capture window. If the Capture window is closed while the device control window remains open, Premiere Pro may crash.
- XENA HS users using AJA XENA Presets in Adobe Premiere Pro will need to change their device control to Adobe's serial device control. The project presets will default to use AJA serial control, but this is not available on XENA HS as the card has no built in serial cable.

- Time code is not stored in crash captured clips when the time code source is RS-422. If this is required, use embedded time code instead of RS-422 time code.
- Jog and Step functionality may behave abnormally with some Sony decks in the Adobe Premiere Pro Capture window.
- Capture settings in Premiere Pro cannot be changed unless the capture window is open. Attempting to open the capture settings panel from either the batch capture override dialog, or from the general project settings dialog will cause the capture settings options to be locked. Press F5 to launch the Premiere Pro capture window, and alter the AJA capture settings from here.
- AJA Real-Time cropping effects in Premiere Pro are not supported for sequential file formats written bottom to top. Rendering will be required.
- In Premiere Pro playback settings, checking or un-checking “render RT files of different resolutions” will not take effect immediately. To workaround, save project, close project, and then reopen it. The new settings will take effect.
- Variable frame rates (VFR) with pull down added are not adjusted for time code.
- *Crash capture* and *Print to Video* will work on Varicam frame rates over HD-SDI, but insert edit, in/out capture, and batch capture, will not.



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