Release Notes – AJA Windows Software Version 4.2

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, LHi and 2K/2Ke cards, as well as the Io Express from AJA.

Requirements and Recommendations

- Before running this installer, uninstall all previous versions of AJA XENA or AJA Windows software.
    - o Instructions for Windows XP
        - ▪ Go into Add/Remove Programs
        - ▪ Select the XENA Retail software and click 'Change'
        - ▪ In the dialog box that appears, select 'Uninstall'.
    - o Instructions for Windows Vista/7:
        - ▪ Go into the Control Panel and click 'Uninstall or Change a Program'
        - ▪ Right Click on the 'XENA Retail' software and select 'Change'

- QuickTime™ 7.6 or higher must be installed.

- Operating Systems Required: Windows 7 (64-Bit) is recommended for best performance. Windows XP 32-bit and Vista 64/32 Bit are also supported.

- For Additional Hardware recommendations and requirements, please see
  www.aja.com/html/support_xena_rec_sys.htm

- For NVIDIA Quadro users, please see for recommended driver versions
  www.aja.com/html/support_xena_rec_gpu.htm

- For Adobe Premiere Pro Users, the Premiere Pro 4.2 update is required

- For Adobe Media Encoder Users, Media Encoder 4.2 update or later is required

- When running this installer on Windows 7 or Windows Vista, AJA recommends running it as an Administrator. To do this, right click on the installer and select 'Run As Administrator'. This 'Run As Administrator' option may not be present if Vista User Account Control (UAC) is turned off.

New Features

- Io Express hardware is now supported. This includes support for Machina, Premiere Pro, After Effects, Photoshop, Fusion, Combustion, and Vegas

- Support for Premiere Pro 4.2 update

- Support for Vegas 9.0c with XENA LHi, 2Ke, and Io Express

- New Premiere Pro player, with new 'Playback Settings' interface

- New audio device handling in Premiere Pro – Please refer to Page 82 of the Io Express Manual for information on setting up the XENA card as your audio device in Premiere Pro.

- Support for Fusion 6.0

- XENA LHi and Io Express now have manual controls for HDMI Output options in Premiere Pro.

- Performance Improvements in DVCProHD Encoding

- New AJA Transform Effect to Crop/Flip/Pan/Tilt

Resolved Issues

- Resolves performance issues with large, long form projects in Premiere Pro

- Improves scaled video quality in the source monitor and program monitor in Premiere Pro.

- Resolves issues routing audio to multiple cards in Premiere Pro

- Better Performance when using nested sequences in Premiere Pro

Known Issues and Limitations

- HDMI output on progressive projects needs to be set to 'true progressive' in most cases. Many users are used to setting up projects as progressive segmented frame or 'psf' for SDI or component transmission. AJA Premiere Pro projects will default to 'psf' when 1080p project settings are selected. To force progressive mode for HDMI monitoring, check the 'disable segmented frames' feature in the Premiere Pro Playback Settings.

- XENA ASIO driver is no longer used in Premiere Pro. The ASIO driver will still show up in the Premiere Pro Audio Hardware selector, but users should instead select the Premiere Pro default audio device. If the ASIO driver is selected, some audio problems may occur. See Page 82 of the IO express manual for more information on audio device setup in Premiere Pro.

- Eyeon Fusion 32-bit is not supported using this installer. 64-bit Fusion is supported. For XENA LS/LSe, HS, LH/LHe, 2K/2Ke users, legacy driver installers (XENA driver version 3.5.x) must be used for 32-bit Fusion support. For XENA LHi and Io Express users, 32-bit Fusion is not supported.

- Io Express currently is not recommended for use in Windows with a MacBook Pro and Bootcamp. Io Express will work in a MacPro tower with Windows and Bootcamp.

- 'Thin Raster' formats such as DVCProHD, XDCamEX, and HDV will not be supported in RT when using the XENA HS.

- 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.

- 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.