



AJA Adobe Mac Plug-ins

Release Notes—Version 10.3

Introduction

This software release adds new features and improves functionality of the KONA LHe Plus, KONA LHi, KONA 3, KONA 3X, and KONA 3G cards, as well as the Io Express and Io XT from AJA.

Requirements and Recommendations

- QuickTime™ 7.6 or higher must be installed .
- Operating Systems Required: OSX 10.7 or later. Must be running in 64-bit kernel mode.
- KONA/Io Express/Io XT Driver Required: v10.3 or later. Recommend v10.3.1 and 10.4 as soon as they are available.
- Premiere Pro CS 6, After Effects CS 6, Photoshop CS6, Prelude CS6 or Encore CS6 are required. Installation of future updates for Premiere Pro is highly recommended.

Improvements

- AJA devices used in Adobe Applications are now controlled primarily using the AJA Control Panel. There are a few controls in the Adobe applications. Please refer to the AJA Adobe Plug-ins manual for more information.
- Multicam output from Premiere Pro using AJA solutions is significantly improved
- Users now will use Adobe's native sequence presets in Premiere Pro, rather than AJA presets. The AJA hardware will work inside those presets. Please see the AJA Adobe Plug-in manual for details.
- Performance of GPU effects in Adobe's Mercury engine is significantly improved when used in conjunction with AJA devices.
- Use of fractional resolution output in Premiere Pro is significantly improved when used in conjunction with AJA devices.
- Mercury Engine effects now update in real time to the video output of AJA hardware.
- AJA Capture plug-ins now will allow CineForm .mov capture whenever a valid GoPro CineForm license is detected on the system.



- Playback of RED .r3d files is significantly improved when used in conjunction with AJA devices.
- AJA Premiere Pro device control plug-ins now give a warning when there are no controllable devices connected, or when a device is offline.
- Issue with Dynamic Linked clips from AE in Premiere Pro not playing real time with AJA solutions is fixed.
- Premiere Pro Source/Program Monitor playback performance has been improved when using AJA hardware output.
- Batch capture from Ki Pro using Premiere Pro and AJA hardware has been improved.
- Component video capture using KONA LHe Plus in Premiere Pro is now fixed.
- Up/Down/Cross conversion on HDMI output from AJA solutions in Premiere Pro is now fixed.
- DPX Capture using AJA solutions in Premiere Pro is now fixed.
- Issue with 720p batch captures in Premiere Pro only capturing the first clip in the batch is fixed.
- Memory leak with extended length timeline playback in Premiere Pro is fixed.
- Video + Key output from Photoshop and After Effects is improved/fixed
- Video flashing when moving from RGB to YUV clips on a Premiere Pro timeline is fixed.
- Issue capturing DVCPHD files with no audio in Premiere Pro is fixed.
- Issue with 1440x1080i video being scrambled on AJA hardware output from Premiere Pro is fixed.
- Issue with RED .r3d files being cropped incorrectly on AJA hardware output from Premiere Pro is fixed.
- Issue with YUV 2K files having incorrect output from Premiere Pro on AJA devices is fixed.
- Artifacts on AJA hardware output of 1080p23.98 DSLR clips from 1080i timelines is fixed.
- 720p23.98 files now play at the correct rate when output from Premiere Pro to AJA solutions.
- Incorrect field dominance in PAL sequences in Premiere Pro has been fixed.
- Issue with 1080p30 DSLR clips crashing when output from Premiere Pro on AJA devices is fixed.
- Issue with HDMI output from KONA 3G in Premiere Pro is fixed.



Known Issues and Limitations

- **System Sleep** should not be used with KONA and Io devices. Sleep modes should be disabled in the operating system settings.
- Frames may be dropped on export to tape in some cases using AJA 10.3 plug-ins with Premiere Pro 6.0.0. Be sure to download upcoming plug-in updates from AJA and Premiere Pro updates from Adobe.
- Audio output to the KONA card from Premiere Pro may stop working if a ‘Play’ command is issued simultaneously while scrubbing the timeline. To work around this issue, click outside of Premiere Pro onto the desktop or another application, then back into Premiere Pro. Also, be sure you have installed the latest AJA plug-ins.
- Closed Captioning output from Premiere Pro is not enabled with this version of plug-ins.
- AJA KONA and Io Core Audio drivers are not used in Premiere Pro. The Core Audio driver will show up in the Premiere Pro Audio Hardware selector, but users should instead select the Premiere Pro default audio device. If the Core Audio driver is selected, some audio problems may occur. See the the AJA Adobe Plug-ins manual for more information on setting up the audio output in Premiere Pro.
- Io Express currently is not recommended for use in Windows with an Apple MacBook Pro 8,2 or earlier using Bootcamp. Io Express will work in an Apple Mac Pro tower, or in a MacBook Pro 8,3 with Windows and Bootcamp.
- 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.
- 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.
- When insert editing on Panasonic Decks, destructive edits may occur too early on the tape. In order to avoid this, be sure that menu item 202 “ID SEL” is set to “OTHER”.

