



Release Notes—Version 9.0

Mac Software for KONA 3G

General

This release provides improvements for the KONA 3G card running under Mac OS X. If you are installing your KONA into a computer that has previously had another video capture card or drivers, we recommend running the AJA Conflict Checker utility BEFORE installing the KONA software. The AJA Conflict Checker will help you identify old drivers or software files that need to be removed before installing the new software. Also, please read the “ReadMeFirst.PDF” document on the installation CD, particularly if you are installing for the first time.

Installation Notes—Please Read

Note: *Version 9.0 supports Apple Final Cut Studio Version 3 and Version 2. Not all features will work with versions earlier than Version 3. Please ensure you use the correct software for your system. AJA Driver Compatibility as of KONA 3G Version 9.0 software is as follows:*

FCP 7 - 6.0.x KONA Driver version 9.0 (Snow Leopard and Leopard OS compatible)
FCP 7 - 6.0.x KONA Driver version 6.5 (Leopard OS compatible version)
FCP 6.0.x - KONA Driver version 6.0.3 (Leopard and Tiger OS compatible version)

Please note that Easy Setups from earlier versions may not work properly in Final Cut Pro 7.

Please ensure that you use the correct installer for the KONA 3G in your system. If you install the wrong software, the KONA Control Panel will report “no board” due to incorrect driver installation. Also, if you should ever wish to regress to an earlier version of software, you will have to perform the following steps to ensure proper operation. *Do not try to simply run an older KONA installer over a newer version*—doing so will not properly remove the newer components and will lead to improper operation.

1. Run the KONA Uninstaller from the current installation.
2. Install the desired KONA software using its installer package.

After installing the AJA driver, if you experience any issues booting your computer, restart the computer while holding down the shift key (safe boot), uninstall the AJA driver and then install the NDD driver version instead. The AJA KONA 3G driver version 9.0 NDD is the same as driver version 9.0, but removes the Macintosh Desktop Display feature.

New Features

- 4K Mode for playout of 4K material. The following formats are supported:
 - QuadHDsf23.98
 - QuadHDsf24
 - QuadHDsf25
 - QuadHDp23.98
 - QuadHDp24
 - QuadHDp25
 - 4Ksf23.98
 - 4Ksf24
 - 4Ksf25
 - 4Kp23.98
 - 4Kp24
 - 4Kp25

Note: QuadHD refers to a raster size of 3840x2160.
4K refers to a raster size of 4096x2160.



Note: The KONA 3G only provides support for Autodesk Smoke For Mac when used with the Standard Mode; the new 4K Mode is not supported at this time.

- Interlace formats, such as 1080i29.97 and 1080i25, can now be output as 1080PsF formats via a de-interlace conversion
- New Quadrant Picker for Analog and HDMI outputs. Select one of four quadrants within the 4K image to be displayed on an HD monitor
- Test Patterns provided in YUV and RGB colorspaces
- Support for Capture and Playback of SD and HD geometries without any available conversions when using 4K bitfile
- New and improved KONA Control Panel layout with improved navigation
- 3G SDI Level B support has been added

Improvements and Fixes

- Enabled SDI embedded timecode output
- Improved RGB format handling

Note about Reverting to Earlier KONA 3G Software

Previous releases of the KONA 3G driver (v8.1.2 and earlier) do not recognize the 4K bitfile when loaded into the KONA 3G. If you want to revert back to using a previous driver, you must first flash the board with the "Standard" bitfile, run the uninstaller, and then install the older driver. If you do not do this you will have to boot the board by holding down the safe boot button when turning power on to the computer. After the computer starts up, the KONA Updater will launch, and you can flash the board with the bitfile included in your installed driver.

Recommended Configuration for Mac Computers

For information on Mac computer slot configuration for KONA cards, please visit the following page on the AJA website: <http://www.aja.com/support/kona/kona-system-configuration.php>

