

MEDIA 100

A BUSINESS UNIT OF BORIS FX

Media 100 Release Notes

Boris FX - Media 100® is pleased to offer Media 100 Suite and Media 100® Producer Version 13.

Media 100 Suite integrates with AJA® hardware including their Kona3, LHe and LSe cards.

Media 100 Producer is a software-only solution and does not require third-party hardware.

This release supports Apple Inc® Computers with Intel processors and PowerPC processors running Mac OS 10.5.5 Leopard. Mac OS 10.4 Tiger is not supported.

Read these Release Notes before using the software. This document provides up-to-date information regarding Media 100 that may not be included in other documents.

What is new in Media 100 Suite and Media 100 Producer Version 13?

The following functionality is new to Media 100 Suite and Media 100 Producer Version 13.

XML Interchange: Version 13 provides "round-trip" import and export from Apple Final Cut Pro and Apple Color via XML.

Multi-Channel Audio Output: This software uses Sony's XDCAM Transfer software along with Apple's XDCAM codecs to import from XDCAM media directly into Media 100.

Support for AJA Driver v6.0.1¹: AJA v6.0.1 driver can be downloaded at: http://www.aja.com/html/support_sw.html

Support for Mac OS 10.5.5 Leopard: This software has been optimized to work with Mac OS 10.5.5 Leopard. Mac OS 10.4 Tiger is not supported.

Minimum System Requirements

Mac OS: Leopard 10.5.4

QuickTime: 7.5²

Processors: Power Mac G5 or iMac with 1.67 Ghz Processor (SD and Uncompressed HD Media only)

Ram: 2 GBs

Recommended System Requirements

Mac OS: Leopard 10.5.5

QuickTime: 7.5²

Processors: Two 2.8GHz Quad-Core Intel Xeon

Ram: 4 GBs

Obtaining Support

Media 100 provides 30-days of free e-mail Technical Support for new customers.

For more information, please visit www.media100.com, call 1-800-922-3220 or contact your local reseller.

Media 100 also offers a wide range of support options including:

Platinum Plus* - One year of Software Updates, 7x24 Technical Support, Extended Warranty, and Advance Exchange.

Platinum Preferred - One year of technical support, 8am to 8pm EST (Monday-Friday) and 1 year extended warranty.

Platinum 8-8 Support - One year of technical support, 8am to 8pm EST (Monday-Friday).

Platinum 7x24 Support - One year of technical support, 24 hours a day, any day of the week.

Platinum Software Updates - One year of Software Updates.

*A Platinum Plus contract ensures minimal downtime by advancing hardware on the same day. This option requires

valid technical support and extended warranty contracts. For same day shipment, orders must be placed by 2pm EST,

Monday through Friday only. A credit card is required.

Installing your new Media 100 Software

- Launch the Media 100 v13 Installer.

- Enter the Trial Install Code sent to you via email.

- Follow the prompts to perform an "Easy Install"

- After restarting, run AJA v6.0.1¹ driver installer* and follow the prompts.

*AJA v6.0.1 driver can be downloaded at: http://www.aja.com/html/support_swd.html

*Be sure to choose the correct driver for your particular AJA card.

Upgrading from a previous version of Media 100

- Launch the Media 100 v13 Installer.

- Enter the Trial Install Code sent to you via email.

- When prompted, switch from "Easy Install" to "Uninstall".

- When the uninstall is complete, switch back to "Easy Install", follow the prompts and restart.

- If not already installed, run AJA v6.0.1¹ driver installer* and follow the prompts.

*AJA v6.0.1¹ driver can be downloaded at: http://www.aja.com/html/support_swd.html.

*Be sure to choose the correct driver for your particular AJA card.

Licensing your new Media 100 Software

Media 100 uses a trial and purchase unlock code scheme. On the first launch of the Media 100 application, you choose to unlock your software or use it in trial mode for 15 days. To purchase the software, click the purchase button to be directed to the Boris FX online store or call 888.772.6747. It is important to provide BorisFX Inc.-Media 100

with your most current contact information. Media 100 strongly advises you to register your software so that we may keep you up to date on all information regarding your Media 100 System.

Platinum Software Update Subscribers

Please visit: <http://www.media100.com/upgrades.php> for information on your upgrade.

NOTE: For the quickest and easiest installation, provide an Internet connection for the computer on which you are installing Media 100.

Recommended Peripherals

Please visit <http://www.media100.com/peripherals.php> for the latest recommended peripherals for your Media 100 system.

FireWire Devices

Media 100 has tested the following FireWire Devices with Media 100 Suite and Media 100 Producer version 13.

Sony VX1000

Sony GX-1p

Canon XL-1

Sony DHR-1000p

DSR-45

Sony DSR-20p

AG-DVX100A

JVC GR-D350U

Canon ZR-10

Sony DSR-20

AG-HVX 200P (P2)

Additional FireWire Information

HDV Support

Media 100 uses a QuickTime® developer tool kit for HDV support, therefore it is required that users have installed codecs and device drivers to transcode HDV media streams into a format that can be used by Media 100. These codecs and device drivers can be found in Apple Final Cut Pro®.

FireWire Device Control, Video/Audio Input

Media 100 uses the Apple QuickTime API for Video/Audio and Device control and it is possible that not all device functionality can or will be supported. Some devices have inherent functionality that is not available (i.e. jog/shuttle); while some devices may need specific functionality to allow it to operate at all. In general, the “Higher End” more expensive devices will have better success with Device Control and Video/Audio input and output.

Audio Output Information:

Audio output from your computer speaker may be a frame or two out of sync with video. If this occurs stop playing your clip and try again.

Known Issues

Workarounds as noted

-**Acquire** NTSC acquire using less than 5 seconds pre-roll causes a 1 frame shift in timecode in acquired clips on some decks; use the default of 5 if this occurs.

-**Audio Media 100 Producer** when switching the Audio Out Preferences to "None" user will still get audio out on the Mac speaker.

-**Audio Media 100 Producer** User is not notified that the system audio device is disabled when FireWire Video/Audio Output is enabled.

-**Batch Acquire** All changes made in Change Media Attribute window are not properly executed/displayed after Batch Reacquiring involved clips.

-**Batch Acquire** Attempting to batch acquire results in a loss of sync and "Can't Record" errors in the Batch Acquire window with some devices.

-**Batch Acquire** Pre-roll / trim handles combination can cause black and/or missing frames at beginning of re-acquired clips in NTSC or PAL on some decks, adjust these settings to default if this issue is encountered.

-**Clip Presets** Clip Preset effects do not show up in RED UI when a Boris Transition is applied between Va & Vb clips which also have Clip Preset effects applied.

-**Codecs** When acquiring to the DVCPro50 or Motion JPEG B codec this material will get "flagged" that it uses a video color range. Material acquired into Media 100 HD/i codec does not get this flag. Mixing both of these elements in After Effects (for example) will result in different levels/contrasts from the same material.

-**Deck Control - FireWire** If you have your preferences set to FireWire deck control but your video set for composite when you go into acquire mode you may not be able to control the deck.

-**Deck Control - FireWire** Some DV devices do not support Jog/Shuttle functionality. In general, device functionality is derived from the deck and Media 100 can only use functions that are present on the device.

-**Preferences** Setting a QuickTime savvy application to use Media 100 Video Out System Preference then attempting to launch Media 100 on HDx hardware may result in an error message that the hardware is not installed.

-**Preferences** When setting your DV deck control the deck id is a series of numbers. If the device name or information is available to Media 100, this information will be displayed.

-Real-time HDV Acquire The older/slower the Macintosh computer, the less likely that Media 100 will be able to acquire HDV in real-time.

-Third-Party Software Media 100 may report that the hardware is in use by another application if Final Cut Pro's Video Playback is set to Apple FireWire.

Additional Notes:

1: Media 100 v13 is NOT compatible with the Firmware Updater included with the AJA v6.0.1 driver download for the Kona 3 cards. You can use Media 100 v13 with the the new AJA v6.0.1 driver, but do not update the firmware on your Kona 3 card. We are working with AJA on this and hope to have a fix for this soon.

2: There is currently an issue using the Media 100 i or MJPEG-B codecs with QuickTime v7.5.5 installed. We are working with Apple to find a solution to this problem.

Hardware and Software Systems - Media 100 Video Out: If you use the Video Out feature in Adobe AfterEffects®, it is important to launch the Media 100 software before you launch After Effects. This only affects Media 100 the first time you launch your new application. Subsequent uses of Media 100 Video Out do not require a launch of the Media 100 application.

Hardware and Software Systems - Codecs: Additional Codecs such as Apple Uncompressed YUV 8-bit and 10 bit, DVC Pro HD, Apple Pro Res, Pro Res (HQ) and Sony XDCAM are supported in Media 100 but are not distributed with our software. These codecs can be obtained by other means and installed. Media 100 will then provide full support for these codecs.

Hardware and Software Systems: Composite Suite is installed by both Media 100 Suite and Media 100 Producer.

Title Suite and Effects Suite are no longer installed.

Hardware and Software Systems PAL - 16x9 clips conformed to 4:3 (letterbox): When batch acquiring the clip, the clip will appear as though you cropped it in the conform instead of selecting letterbox. You must software conform as the hardware (with the exception of the Kona 3 card) does not support conform on the fly while acquiring.