MEDIA 100

A BUSINESS UNIT OF BORIS FX

Media 100 Suite Version 1.1 Release Notes

Boris FX - Media 100® is pleased to offer Media 100 Suite Version 1.1.
This is a maintenance release to versions 1.0 and 1.0.1.
All versions of Media 100 Suite will run as a standalone, software-only application (replacing the previous Media 100 Producer) AND will also work with supported I/O hardware.
Media 100 Suite integrates with AJA® hardware including their K3, LHi, LHe and LSe cards as well as the entire Matrox MXO2 line of I/O devices and several devices from Blackmagic Design, including the Intensity Pro, DeckLink SDI, DeckLink Studio and DeckLink HD Extreme.
This release supports Apple Inc® Computers with Intel processors and PowerPC processors running a minimum of Mac OS 10.5.8 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 not included in other documents.

What's new in version 1.1?

NEW FEATURES
Support for I/O card from Blackmagic Design*: Media 100 Suite v1.1 supports the following cards from Blackmagic:

- Intensity Pro
- DeckLink SDI
- DeckLink Studio
- DeckLink HD Extreme

*At the date of this release, Media 100 Suite is compatible with the v7.3.1 drivers from Blackmagic Design. The v7.3.2 drivers from Blackmagic are NOT supported with this release of Media 100 Suite. Support will be included in a future update.

New Default Window Layout: affords a better "out of the box" experience when launching Media 100 Suite for the first time or when creating a new project.

New Welcome Screen: upon launch of Media 100 Suite, a new welcome screen opens with clearer options for creating or opening projects as well as convenient links to usefull support and "how-to" information.

FIXED IN THIS RELEASE
VoiceOver: Now updates VoiceOver's input gain when tool is idle or not active.

Matrox MXO2: General reliability enhancements.

Minimum System Requirements

Mac OS: Leopard 10.5.8
QuickTime: 7.6.2
Processors: Power Mac G5 or iMac with 1.77 Ghz Processor (SD and Uncompressed HD Media only)
Ram: 2 GBs
AJA Driver for LSe, LHe, LHi K3 cards: v7
Blackmagic Software for Intenstiy Pro, DeckLink SDI, DeckLink Studio and Decklink HD Extreme cards: v7.3.1
Matrox Software for MXO2: v1.7
Media 100 HDx: correct drivers are installed with software.

Recommended System Requirements

Mac OS: Snow Leopard 10.6.1
QuickTime: 7.6.4
Processors: Two 2.66GHz Quad-Core Intel Xeon "Nehalem" processor
Ram: 6 GBs
AJA Driver for LSe, LHe, LHi K3 cards: v7
Blackmagic Software for Intenstiy Pro, DeckLink SDI, DeckLink Studio and Decklink HD Extreme cards: v7.3.1
Matrox Software for MXO2: v1.7

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

Installing your new Media 100 Software

- Launch the Media 100 Suite v1.1 Installer.
- Enter your Name, Organization and the Trial Install Code sent to you via email.
- Follow the prompts to perform a "Standard Install".
- You will be prompted to restart once the installation is complete.

Upgrading from a version prior to Media 100 Suite v1.1

- Launch the installer for your currently installed version of Media 100.
- If you don't have one, installers can be downloaded here: http://www.media100.com/support/downloads.php
- Enter your Name, Organization and the Trial Install Code sent to you via email.
- When prompted, switch from "Easy Install" to "Uninstall".
- When the uninstall is complete, quit the installer and restart.
- Launch the Media 100 Suite v1 Installer, follow the prompts and restart.

Upgrading from Media 100 Suite v1.0, 1.0.1 or 1.0.2

- Launch the uninstaller found in the Media 100 application folder and follw the prompts to uninstall.
- Launch the Media 100 Suite v1.1 Installer.
- Enter your Name, Organization and the Trial Install Code sent to you via email.
- Follow the prompts to perform a "Standard Install".
- You will be prompted to restart once the installation is complete.

Support for 3rd Party Hardware

AJA drivers can be downloaded at: http://www.aja.com/support/index.php
- Be sure to choose the correct driver for your particular AJA card.
- The LSe, LHe, LHi and K3 cards require the v7 driver for use with Media 100 Suite v1.1.

Blackmagic Design drivers can be downloaded at: http://blackmagic-design.com/support/software/
- Be sure to choose the correct driver for your particular Blackmagic card.
- The Intensity Pro, DeckLink SDI, DeckLink Studio and DeckLink HD Extreme requires the v7.3.1 drivers for Media 100 Suite v1.1.

Matrox Software for the MXO2 line of devices can be downloaded at:
http://www.matrox.com/video/en/support/downloads
- Media 100 Suite v1.1 requires Matrox driver software v1.7.

Licensing your new Media 100 Software

Media 100 uses a trial and purchase (Try and Buy) unlock code scheme. For 15 days after installing the Media 100 application, you may choose to unlock your software or use it in trial mode. When the trial period has expired, the application will no longer launch until it is unlocked.

To purchase an Unlock Code, click the purchase button to be directed to the Boris FX online store or call 888.772.6747. It is important to provide Boris FX - 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

If you are updating from an version prior to v13, please visit: http://www.media100.com/upgrades.php for information on how to attain your upgrade. NOTE: For the quickest and easiest installation, provide an internet connection for the computer on which you are installing Media 100.

Additional 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 are commonly installed with 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, more expensive "High End" 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** - Software-only: when switching the Audio Out Preferences to "None" system will still output audio via the Mac speaker.

-**Audio** - Software-only: 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 may not be properly executed/displayed after
Batch Reacquiring involved clips.

-Batch Acquire - Attempting to batch acquire can result in a loss of sync and "Can't Record" errors in the Batch Acquire window with some FireWire 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 preferences are set to FireWire machine control but video set for composite, machine control may not work when entering Acquire mode.

-**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.

-**Export** - QuickTime: In some cases, exporting via the QuickTime through the Media 100 Edit Suite may fail. In such cases, it is recommended to export as Self-Contained or By-Reference and then export THAT file from QuickTime Pro to the desired settings.

-**MultiClip** - Synching a video MultiClip and a VoiceOver clip together and then attempting to edit them in the MultiClip edit window may give unexpected results. The features are just not designed to work in this way.

-**Preferences** - When setting your DV deck control the deck id is a series of numbers and/or letters. This is normal. 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. In cases such as these, Deferred HDV Acquire is recommended.

-**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:

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. If they are installed on the system, Media 100 will provide full support for these codecs.

Hardware and Software Systems - Boris RED: When bundled with Media 100, Boris RED is referred to internally as Composite Suite. This is installed by both the hardware version, Media 100 and the software-only version, Media 100 Producer. Boris Graffiti (Title Suite) and Boris FX (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 K3 card) does not support conform on the fly while acquiring.

Media 100 Release Notes 10/2009 Part # 41215 r