

# **Media 100**

A business unit of **BORIS FX**

## **Media 100 Release Notes**

BorisFX Inc. - Media 100® is pleased to offer Media 100® Version 11.5 and Media 100 Producer. Read these Release Notes before using the software. This document provides up-to-date information about Media 100 11.5 and Media 100 Producer that is not included in other documents.

### **What's New in Media 100 Version 11.5 and Media 100 Producer**

*The following functionality is new to Media 100 Version 11.5 and Media 100 Producer.*

#### **Support for FireWire I/O**

Utilizing Pure DV, users have the ability to capture to DV or any supported Media 100 codec and then output to native DV in real-time - a unique benefit to Media 100 version 11.5 systems.

#### **Support for Panasonic P2 Format**

Real-time acquisition of Panasonic P2 material gives Media 100 users another format to work with natively.

#### **Software Only Model – Media 100 Producer and Media 100 Producer Suite**

Media 100 Producer and Media 100 Producer Suite are full-featured software-only models that offer users a mobile and scalable editing environment as well as FireWire and Panasonic P2 I/O capabilities.

### **Obtaining Support**

Media 100 provides 30-days of free Technical Support for new users. For more information, please visit [support.media100.com](http://support.media100.com), call 1-800-922-3220 or contact your local reseller.

### **Installing your new Media 100 Software**

*For additional install information, please refer to your Media 100 Install Guide.*

Media 100 uses a system key to activate your software. On the first launch of the Media 100 application, you must register your software. It is important to provide BorisFX Inc.-Media 100 with your most current contact information. Media 100 strongly advises you to register your software. This will keep you up to date on all information regarding your Media 100 System.

NOTE: You must have access to the Internet and a web browser to register Media 100. For the quickest and easiest installation, provide an Internet connection for the computer on which you are installing Media 100.

## Bug Reporter

Should you encounter an issue with your software; The Media 100 software will prompt you to submit a report to Media 100 engineering to further investigate your problem. This reporter is designed to help us make future versions of Media 100 better. We ask that you submit a report to us should you encounter a problem. Please be sure to include a brief description of the action you took before the Bug reporter appeared. A connection to the internet is required.

## Recommended Peripherals

BorisFX Inc. - Media 100 has published a Media 100 Compatible Peripherals Guide. This guide contains the latest up-to-date information on peripherals to use in conjunction with Media 100. Please refer to [www.media100.com](http://www.media100.com) to obtain this document.

### FireWire Devices

Media 100 has tested the following FireWire Devices and approves them for use with Media 100 version 11.5 and Media 100 Producer.

Sony VX1000	Sony GX-1p
Canon XL-1	Canon XL-1
Sony DHR-1000p	DSR-45
Sony DSR-20p	AG-DVX100A
JVC GR-D350U	Canon ZR-10
Sony DSR-20	

## Additional FireWire information

### 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 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.

## Additional Tips and Techniques

### *Workarounds as noted*

Acquire	DV-based codecs show a Quality Slider in Media Settings, but adjusting slider has no effect on either image quality or file size. This is a QuickTime limitation.
Acquire	If you use the acquire with Mark in and Mark out and you set your acquire pre-roll to 2 seconds the clip will be digitized one frame after your mark in
Acquire	The quality slider for the DV codec does not allow for re-digitizing to a higher Kb rate at a later time; choose your final kb rate at time of digitizing.
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" you will get audio out on the Mac sound out
Audio	Producer: User is not notified that the system audio device is disabled when FireWire Video/Audio Output are enabled.
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 you encounter this issue.
Codecs	When acquiring into the DVCPro50 or Motion JPEG B codec this material will get "flagged" that it uses a video color range. Material digitized into Media 100 HD/i codec does not get this. So when mixing both codecs in AE you get different levels/contrasts from the same material

Codecs	When we import a DVC PRO HD codec with 4 channels of audio we're assigning the audio to channel 1 in all 4 cases.
Deck Control	Some devices do not support Jog/Shuttle functionality. In general, deck functionality is derived from the deck and Media 100 can only use the functions that are inherent on the deck.
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 are not able to control the deck.
Preferences	When setting your DV deck control the deck id is a series of numbers. If the manufacture of the deck chooses to hand the device name or information to Media 100, Media 100 will display this information.

Hardware Based Systems- System Startup: The first time you start your system after installing your new hardware and software, you will notice a delay in the computer boot cycle. This is necessary in order to start-up the new hardware drivers.

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

Hardware Based Systems- VGA Connection: The VGA is not supported on the Media 100AJA OEM® Systems. This feature is supported with Media 100 HDx Hardware only.

Hardware and Software Systems- Codecs: Additional Codecs such as Apple Uncompressed YUV 8-bit and 10 bit and the DVC Pro HD 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- Media 100 Title Suite®, Media 100 Effects Suite®, and Media 100 Composite Suite® are installed automatically. Media 100 uses the correct Suite based on your purchase and system key entered.

Hardware and Software Systems Media 100 has added a pre-roll selection time for digitize. With the one sec pre-roll acquire option you may see unexpected results based on your deck being used.

Hardware and Software Systems- Playback: If you encounter an issue playing back media on drives that are not fast enough, media 100 recommends using the compressed M-JPEG B codec and adjusting the quality to a lower setting.

Hardware Based Systems- Audio Channels 7/8 input and outputs are turned off for this release. These will be turned on in a future release of the software.

SDI Embedded Audio for HDx customers is not available in this release of the software, but will be available shortly in a published update.

Hardware and Software Systems PAL 16x9 clips conformed into 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 does not support this type of conform.

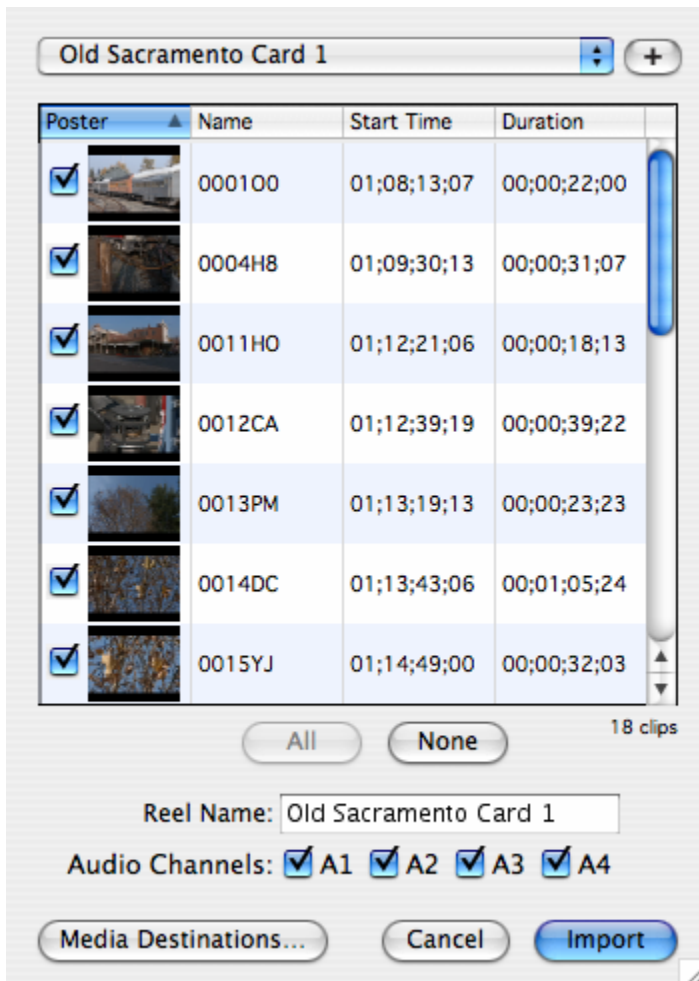
## Known Issues

ColorFX	Applying an unchanged RGB ColorFX to an image will make the image appear darker.
Find Media	When you perform a Find Media on a program or project, the Reel Names for some of the clips may be incorrect.
Genlock	Genlock is disabled if it is set to a standard other than the standard of the timeline.
Hardware	Starting AE with VOUT when having the "batch reacquire" window open and active the system may cause unexpected results.
Master to Tape	Mastering to 720p is a field off.
Master to Tape	Users need to hold down the option key in order to refresh the Leaders and Trailers list in the master to tape window.

Mastering	Mastering to 720p is one field early when mastering from 1080i and one field late if mastering from SD.
Motion Path	Ramps on clips in a video comp track are deleted after applying or rendering out a Motion Path FX.
Motion Path Editor	Greater than frame size images are not able to be panned and or scanned with the motion path editor.
Preferences	External monitors may blank with certain video preferences.
TimeFX	"Freeze" TimeFX need rendering on a timeline if you choose render all from the render menu pull down. Use Force Render All.
Timeline	When dragging an audio or opacity node more than 14 pixels past its nearest neighbor, the cursor will change indicating that you will be replacing the adjacent node when you let go of the mouse. If there is only one node and you drag that node all the way to the right or left, it replaces the implied node.
Timeline	Control+F6 aren't adding a sync mark to clips in the edit suite due to a conflict with the MAC OS. To enable this feature you must disable the "Focus on Utility window (palette)" option in the Keyboard Shortcuts section of the System Preferences.
Timeline	Unable to playback Legacy 640/768 media under a clip alpha in a SD timeline in Real-Time. You must render this clip.
XML	XML Export to After Effects does not set the Timecode Base to 25 fps when exporting a timeline to After Effects.

## P2- Additional Information

The following information is not included in the Media 100 User Guide



Before you import your file, you can assign a Reel Name. This will allow you to keep your imported P2 files more organized.