

Advanced Mac OS X HD/SD Editing Systems



Media 100[®]

www.media100.com

Media 100

HD and SD Nonlinear Editing Systems

Media 100 is a powerful line of professional video systems running on both Apple Inc.® Intel and PPC computers. Media 100 utilizes the industry standard AJA® OEM capture cards while providing support for legacy Media 100 products.

Media 100 Producer is a full-featured software only editing system that provides Firewire I/O and is suitable for running on Apple Inc. workstation and laptop computers.



With support for Panasonic P2 acquisition, native FireWire DV I/O and the industry's easiest to use interface, these systems allow you to easily design complex compositions by instantly viewing all graphics and video elements in both the subsampler window and the output video monitor. Media 100 timelines can include video, motion graphics with alpha channels and still image data in any of our supported codecs without the need for conversion or rendering. Media 100 is the professional editing solution that addresses your current and future production needs.

Media 100 Key Features

Simply Compatible

- Media 100 HD-native software codec
- QuickTime® support (including Animation, Motion JPEG B, Uncompressed 10-bit, DVCPPro/50/HD, DV Codecs and more)
- Mix any supported codecs in one timeline without conversion or rendering
- Integrated Panasonic P2 acquisition capabilities
- FireWire DV I/O
- Support for all legacy Media 100 timelines, bins and programs.

Multiple Tracks, Powerful Effects

- Multiple video tracks (up to 99) with opacity controls in the timeline
- Real-time audio effects with audio dynamics, reverb and EQ.
- Advanced keyer with RGB, YUV and HSL controls with real-time performance
- Intuitive color correction with real-time performance
- Full motion alpha channel support with real-time performance
- Integrated Boris FX plug-ins

High Performance

- Real-time rendering of many complex effects
- Real-time editing and multi-stream effects
- Accelerated HD editing and multi-stream effects
- Host-based acceleration support for maximum performance
- Compressed and Uncompressed HD workflow

Broad Support for HD and SD Standards—with Real-Time Format Conversion

- 10-bit uncompressed SDI I/O: 1080i, 720p*, 525/60 (NTSC), 625/50 (PAL)
- 10-bit uncompressed component video I/O 525/60 (NTSC), 625/50 (PAL)
- All-On-One Mastering: capture and conform to and from multiple HD and SD resolutions
- Real-time, broadcast-quality HD to HD, HD to SD, SD to HD format conversion*
- Real-time aspect ratio conversion (when format converting on I/O)
- Simultaneous HD and SD output for program out and monitoring
- Professional 19" rack-mountable I/O break-out box with genlock

*HD Suite only

Media 100 HD Suite

HD and SD Nonlinear Editing System with Integrated 3D Compositing



Media 100 HD Suite is a powerful new SD and HD nonlinear editor that adds integrated 3D compositing, titling and effects. Media 100 HD Suite not only bridges the HD/SD gap, but also serves as the hub for digital post. With all the features of Media 100 HDe, you can also take advantage of full 2D and 3D compositing and the industry's most advanced 2D and 3D titling, without the extra work of importing and exporting. You can conform SD to HD or HD to SD during capture, output or monitoring.

With the power of AJA's OEM HD Suite video capture card and the easy to use Media 100 interface, the HD Suite makes it easy to work in a hybrid environment of mixed formats and codecs. It's exactly what you need to meet the demands of professional HD and SD post-production.

Media 100 HDe

HD and SD Nonlinear Editing System

Media 100 HDe is a powerful SD and HD nonlinear editing solution that works the way you do—mixing multiple sources, handling multiple file formats and delivering multiple versions. With Media 100 HDe you can downconvert your HD to SD during capture or output and monitor HD downconverts to 4:3 while you edit. Video capture is provided by AJA's OEM HDe board.

Built on the familiar Media 100 user interface, Media 100 HDe also offers powerful features like a multi-track timeline, advanced keying, multiple motion alpha channels that are real-time in SD and real-time mixed codec playback in the same timeline with stunning quality.

Media 100 SDe

SD Nonlinear Editing System

Not yet ready to make the leap to HD? Media 100 SDe is a powerful SD nonlinear editing solution that features the easy to use Media 100 user interface with the cost-effective AJA OEM SDe board. This is the ideal solution for editors, event videographers, corporate video producers or anyone who want to be productive now. The flexible user interface is appropriate for any level of user experience. Media 100 broadens your creative horizons, while preparing you for an easy transition for future business opportunities. Existing Media 100 i users can easily bring their existing or legacy projects and media to any Media 100 AJA-based system.

Media 100 Producer & Producer Suite

Software-only Companion to Media 100 Systems



Media 100 Producer and Producer Suite are full-featured software-only models that offer a mobile and scalable editing environment as well as FireWire I/O, Panasonic P2 acquisition capabilities and integration with the legendary Boris compositing and effects creation tools.

Cross compatibility with all Media 100 hardware based systems ensures that workflows are fully optimized. Ideal for in-the-field or mobile editing, Media 100 Producer and Producer Suite users can record via FireWire or Panasonic P2, assemble projects in the field, and then offload to their projects to Media 100 HD Suite for HD up-conversion or faster processing of projects. In addition, Producer and Producer Suite can use media captured by Apple Final Cut Pro, Media 100 i, 844/X, Media 100 HD, Media 100 HD Suite, Media 100 HDe, and Media 100 SDe systems to edit, composite, and mix for output via FireWire or export to DVD or web.

Available Options

- + Media 100 HDV Option- Provides the HDe and HD Suite the ability to capture a HDV signal via SDI in real-time.
- + Media 100 Analog Option- Provides the HD Suite the ability to capture analog signals via SDI in real-time.
- + OMF Export Option- Export Media 100 timelines via OMF.

Media 100 Product Comparison Matrix

HD and SD Nonlinear Editing Systems

	Producer	SDe	HDe	HD Suite
PCI-Express Bus Interface		●	●	●
Panasonic P2 acquisition	●	●	●	●
FireWire DV I/O	●	●	●	●
SDI I/O		●	●	●
HD-SDI I/O			●	●
10-bit Component/Composite/S-Video (Y/C), analog I/O		●	●	Out Only
10-bit HD Analog Component I/O			●	Out Only
10-bit Uncompressed SD	●	●	●	●
10-bit Uncompressed HD	●		●	●
Real-time HD to SD down conversion			●	●
Real-time SD to HD up conversion				●
Compressed HD Workflow (MJPEG)			●	●
SDI embedded audio support		6 Ch	6 Ch	6 Ch
AES I/O, sample rate conversion on input		2 Ch, XLR	2 Ch, XLR	8 Ch, XLR
Balanced analog audio I/O		2 Ch, XLR	2 Ch, XLR	
Supports SD formats: 8/10-bit Uncompressed, JPEG	●	●	●	●
Media 100 HDx Support	●	●	●	●
Genlock		●	●	●
Cables & Breakout Box		●	●	●
Composite Suite (Title Suite, Effects Suite and More)				●
Effects Suite			●	●
Title Suite	●	●	●	●
Extended Platinum Services Available	●	●	●	●
3-year hardware warranty		●	●	●

About Media 100

Media 100, a division of Boris FX, is a leading provider of advanced editing systems for the corporate, broadcast, post production, and multi-media industries. Featuring the most intuitive and easy-to-learn NLE interface, the company's product lines include the Media 100 suite, Media 100 HDe, both hardware-based HD and SD professional editing solutions, Media 100 SDe and Media 100 Producer / Producer Suite, a software-based companion to existing Media 100 systems, built on the familiar Media 100 interface. For more information, visit www.media100.com, or call us at **800-922-3220**. International user should contact resellers@borisfx.com or visit www.media100.com/purchase/reseller_int.asp.