

Avid Media Composer Adrenaline

WORLD-CLASS PERFORMANCE, QUALITY, AND VERSATILITY
IN A SINGLE, AFFORDABLE VIDEO EDITING SOLUTION

The Avid® Media Composer® Adrenaline™ system provides the power and flexibility you need to meet the most demanding creative editorial challenges. Combine the newest video formats and resolutions with legacy Avid files in the same timeline. Take advantage of real-time OpenGL 2D and 3D DVE and advanced multicam; 24p/25p support; native Boris Continuum effects and filters; and advanced color correction features. Discover the power of Avid Adrenaline Digital Nonlinear Accelerator™ hardware: high-quality 10-bit video, 24-bit audio, and up to 11 streams of uncompressed SD video – all in real time. Media Composer Adrenaline systems offer facility-class quality, features, and compatibility at an unprecedented price.



- RELIABLE ◦ VERSATILE ◦ SCALABLE
- POWERFUL ◦ COMPATIBLE

Avid Media Composer Adrenaline

Facility-class systems feature 10-bit video and 24-bit audio hardware, up to eleven streams of uncompressed video, and room to grow.

The innovative Media Composer Adrenaline system lets you mix different resolutions in the same timeline, edit true 23.976 content directly, color correct automatically, edit with 24-bit audio, and tap the power of OpenGL effects – all in real time. Academy Award® winning Avid Film Composer® capabilities include 24p DV support; live capture of 23.976 material; Web-based film cutlists, and true 24p playback for film workflows in NTSC and PAL environments. Now with the power of integrated Boris Continuum filters and effects, Media Composer Adrenaline is ideal for video and film professionals looking for a versatile, affordable system for a wide variety of film and video projects.

Through a standard FireWire® connection, the Media Composer software and Avid Adrenaline hardware turn qualified PC and Mac desktops – and even laptops – into high-powered Media Composer workstations. Handle anything that walks in the door with support for IMX 30/40/50, DV25, DV50; uncompressed 601 formats; AAF/OMF® and MXF format import and export; and Windows Media 9 (PC only) and QuickTime® encoding. Seamless integration with Avid Unity™ shared media networks lets collaborative teams share mastering-quality media at the file level and take full advantage of Avid Unity MediaManager and other Avid Productivity Tools. To protect your media and technology assets, Media Composer Adrenaline is fully compatible with JFIF (Avid Meridien™) and AVR (ABVB) media, as well as with a full range of third-party tools.



More powerful than ever: the familiar Media Composer editing environment

- o Avid Media Composer Adrenaline performance increases as host system performance increases. As faster host CPUs become available, you'll get even better performance.
- o Media Composer Adrenaline systems support all of today's metadata formats, including AAF and MXF – an open industry standard for storing and sharing all types of media
- o Unmatched integration with Avid Unity systems let you take full advantage of high-bandwidth shared storage and productivity tools for real-time, collaborative production.

DID YOU KNOW?

- o You can mix DV and SD in the same timeline, as well as Avid AVR and Meridien media, in resolutions ranging from 15:1s all the way to 1:1. Avid Adrenaline Digital Nonlinear Accelerator (Avid DNA™) hardware offers component, composite, and S-video I/O with SDI support
- o Media Composer Adrenaline systems support all of today's metadata formats, including AAF and MXF – an open industry standard for storing and sharing all types of media
- o You can add add end-to-end creative power and productivity with integrated automation gain control through the optional Digidesign® Command|8™ control surface and the optional Avid Studio Tools* suite of 3D, effects, and DVD authoring tools

*PC only

PRODUCT HIGHLIGHTS

Video I/O

- 10-bit SMPTE 259M SDI serial digital I/O
- 10-bit Component YPbPr, S-Video, and composite I/O
- DV25 I/O with real-time analog-to-DV and DV-to-analog conversion
- Uncompressed PAL and NTSC ITU-R 601 formats
- Sync reference input
- Serial deck control (via the CPU) and 1394 deck control

Audio I/O

- 48 kHz, 44.1 kHz, and 32 kHz (hardware supports up to 96 kHz)
- 16- or 24-bit resolution
- 8 channels ADAT audio I/O (via connector)
- 4 channels AES/EBU digital audio I/O
- 4 channels RCA analog audio inputs/outputs
- 4 channels XLR analog audio inputs/outputs

Editing Features

- Mixable resolutions in timeline
- Compatible with ABVB AVRs and Meridien JFIF
- DV25, DV50, and IMX 30/40/50 support
- Media consolidate and transcode
- 24 video and 24 audio tracks (unlimited video layers via nesting)
- 24 MetaSync® tracks
- Real-time equal power audio dissolves
- 4:3 and 16:9 support
- Real-time audio sample rate conversion
- Multichannel Audio Punch-in
- Real-time audio mix to picture
- Support for Digidesign AudioSuite™ plug-ins
- Real-time multiband EQ
- DV Scene Extraction
- Video archive to tape
- Multicam
- 23.976 fps, 24 fps, and film editing

Digital Video Effects and Compositing

- Native Boris Continuum effects and filters
- Real-time customizable 3D effects, including Warp, Picture-in-Picture, Corner Pinning, Shapes, Video Titles
- Real-time Dissolves, Superimposition, Resize, Flips, Flops, Wipes, Conceals, Squeezes, Masks, and Picture-in-Picture
- Real-time Moving Mattes
- Real-time Chroma and Luma keys
- Real-time full-motion alpha keying
- Nondestructive compositing on unlimited layers
- Customizable rampable motion effects UI including FluidMotion™
- FluidFilm for “film look” in 50i and 60i material
- Supports all AVX™ 1.5 plug-ins including third-party real-time plug-ins

- ExpertRender™ renders just the effects needed
- Intraframe™ Paint, AniMatte™, Scratch removal
- Pan & Zoom creates video from high-res stills
- Deep Defocus, blur, mosaic
- Reformat tools for aspect ratio management

10-bit Color Correction

- Real-time professional-level color correction tools
- One Step AutoCorrect
- NaturalMatch™
- Real-time keyframeable color effects
- Three-monitor color correction windows
- ChromaCurve™ and ChromaGraph display
- Advanced Waveform and Vectorscope monitors

Integrated Titling and Graphics

- Real-time uncompressed graphics and titles
- 2D/3D including Marquee® titling on PC/Mac
- Rolling and crawling titles
- User-savable title style sheets

Streamlined Interoperability and Workflow

- Full support for Avid Unity media networks, MediaManager, and TransferManager
- Total Conform of bins, sequences, edits, composites, audio settings, effects, and Avid media with Avid Xpress®, Media Composer, Film Composer, and Symphony™ systems
- Advanced conform with Avid DS Nitris® systems with AFE
- AAF import/export
- MXF or OMF® native media
- Windows Media 9 HD and SD encoding (PC only)
- Longitudinal Time Code (LTC) output
- Photoshop layers and After Effects support
- Media compatibility Windows/Macintosh
- 24-bit audio file compatible with Digidesign Pro Tools® system
- Multiprocessor optimized
- Avid FX, Avid DVD, and Avid 3D compatible

Avid Media Composer Adrenaline

SYSTEM REQUIREMENTS

PC* (Windows XP Professional)

Desktop: HP XW8000, 3.06 GHz dual Xeon processor
Laptop: Dell Notebook Latitude C840, 1.8 - 2.4 GHz Mobile P4

Mac* (Mac OS X 10.3.6 and 10.3.7)

Desktop: PowerMac G4 FW800, dual 1.42 GHz processor or PowerMac G5 dual 2.0 GHz processor
Laptop: PowerBook G4 17-inch, single 1.0 GHz processor or PowerBook G4 single 1.33 GHz processor

*Preliminary system requirements. Please see www.avid.com/mediacomposeradrenaline for updated information. Minimum memory requirement is 1 GB. Real-time performance will vary with system specifications. Optimum functionality requires fastest clock speed, dual-processor system, and high-performance subsystems. Striped drives are required for real-time performance at higher resolutions.



RESOLUTION CHART

Frame Rate	Capture	Playback	Render	Mix
25i/30i (PAL/NTSC) 24p PAL 23.976 NTSC	1:1, 1:1x [†] 2:1, 3:1, 10:1, 20:1 2:1s, 4:1s, 15:1s 4:1m, 10:1m DV25, DV50 IMX 30/40/50 [†]	1:1, 1:1x [†] 2:1, 3:1, 10:1, 20:1 2:1s, 4:1s, 15:1s 4:1m, 10:1m DV25, DV50 IMX 30/40/50 [†] AVR 77, 75b, 70b, 12 AVR 9s, 8s, 6s, 4s, 3s, 2s AVR 6m, 4m, 3m, 2m	1:1, 1:1x [†] 2:1, 3:1, 10:1, 20:1 2:1s, 4:1s, 15:1s 4:1m, 10:1m DV25, DV50 IMX 30/40/50 [†]	Yes ^{††}
24p NTSC	1:1, 1:1x [†] 2:1, 3:1, 14:1, 28:1, 35:1 3:1m, 8:1m	1:1, 1:1x [†] 2:1, 3:1, 14:1, 28:1, 35:1 3:1m, 8:1m	1:1, 1:1x [†] 2:1, 3:1, 14:1, 28:1, 35:1 3:1m, 8:1m	Yes ^{††}

Note: DV25 includes three variations (NTSC 4:1:1, PAL 4:1:1, and PAL 4:2:0).

[†]PC only

^{††}All resolutions are mixable within the same frame rate.

LEARN MORE VISIT www.avid.com/mediacomposeradrenaline
OR CONTACT YOUR LOCAL OFFICE (SEE LIST BELOW)

Corporate Headquarters
tel 800 949 AVID
978 640 6789
fax 978 640 1366
web www.avid.com

Asian Headquarters
tel +65 6476 7666
Avid China
tel +8610 6708 1744
Avid Hong Kong
tel +852 3165 1841
Avid Japan - Tokyo
tel +81 3 3505 7937
Avid Japan - Osaka
tel +81 6314 3132
Avid Korea
tel +822 782 4210

European Headquarters
tel +44 1753 655999
Avid Central Europe - Munich
tel +49 811 5520 0
Avid Broadcast
Competence Center - Berlin
tel +49 30 5900993 0
Avid France
tel +33 1 41 49 40 00
Avid Spain
tel +34 91 715 66 81
Avid United Kingdom
tel +44 207 534 2800

The following international operations are independent distributors operating under separate license from Avid.

Avid Australia
tel +61 2 9629 2633
Avid Italy
tel +39 02 57 78 97 1
Avid Nordic AB Headquarters
tel +46 8 442 55 80
Avid Austria AG
tel +43 1 525 27 0
Avid Belgium
tel +32 2 254 88 80

Avid Denmark
tel +45 39 55 99 99
Avid Finland
tel +358 9 2290160
Avid Netherlands
tel +31 35 6250 080
Avid Norway NUF
tel +47 22 70 09 50
Avid Sweden
tel +46 8 442 55 70

©2005 Avid Technology, Inc. All rights reserved. Product features, specifications and availability are subject to change without notice. Adrenaline, AniMatte, AudioSuite, Avid, Avid DNA, Avid Unity, Avid Xpress, AVX, ChromaCurve, Command8, Digidesign, Digital Nonlinear Accelerator, ExpertRender, FluidMotion, Intraframe, make manage move I media, Marquee, Media Composer, Meridien, MetaSync, NaturalMatch, Nitris, OMF, Pro Tools, and Symphony are either registered trademarks or trademarks of Avid Technology, Inc. in the United States and/or other countries. FireWire is a trademark of Apple Computer, Inc., and registered in the United States and other countries. Oscar, Academy Awards and Academy Award are trademarks and service marks of the Academy of Motion Picture Arts and Sciences. All other trademarks contained herein are the property of their respective owners.

AMCAPB0905