

Avid Symphony 5.0

FAST, FLEXIBLE, UNCOMPRESSED VIDEO FINISHING SYSTEM
FOR MULTIVERSION MASTERING AND SEAMLESS COLLABORATION

Avid® Symphony™ systems offer a complete set of real-time creative and corrective finishing tools, multiformat mastering and versioning, and one of the industry's most widely used nonlinear editing interface for professional video and film postproduction. Bidirectional compatibility with the complete range of Avid editing systems and media network solutions plus support for dozens of the most popular third-party plug-ins and applications make the Avid Symphony platform the finishing system of choice for creative professionals and collaborative environments.

PRODUCT BRIEF



- COMPATIBLE ◦ INTUITIVE ◦ REAL TIME
- CREATIVE ◦ FAST

Avid Symphony 5.0

Award-winning, industry-standard hardware and software let you finish projects with style, ease and confidence.

Now available on both Windows 2000 and Mac OS X platforms, the Avid Symphony v5.0 system provides unmatched picture quality, storage efficiency, real-time 2D and 3D effects, 24 audio tracks for editing and mixing, and automatic re-creation of Avid Media Composer® system offline sessions. With the Universal Online capability, Avid Symphony systems offer complete conform of 30 fps and 25 fps interlaced media and 23.976-, 24-, and 25-frame progressive projects as well as delivery in multiple formats – PAL, NTSC, 16:9/15:9, and 4:3 – with the push of a button.

The Avid Symphony system's high-end, real-time finishing tools include an Advanced Color Correction Engine, featuring a powerful set of color correction modes and effects, including 2-channel, real-time, scene-to-scene primary and secondary color correction with 10-bit color precision; real-time, fully integrated Ultimatte keying; nine-stream, synchronized multicam play for editing multicamera setups; real-time pan & scan; eight-point motion tracking and image stabilization; and real-time, full-motion alpha keying. Built-in collaborative capabilities include support for Open Media Framework® (OMF®) technology, Advance Authoring Format (AAF) standards, and Avid Unity™ shared storage networks and productivity tools, as well as Avid's open plug-in architecture (AVX™) and native QuickTime 6.0 32-bit support.



Footage courtesy of Locke Bryan Productions, Inc. Houston TX

Professional Finishing Tools

- o With SimulRecord™ and SimulPlay™, editors can begin to work on shots before digitizing has finished.
- o Avid's Web Export Utility offers push-button creation of Real Media, MPEG-2, Windows Media, and QuickTime files.
- o More than 75,000 editors are trained to use the industry's most popular nonlinear editing interface.

*Windows systems only

AVID SYMPHONY 5.0 NEW FEATURES

DID YOU KNOW?

- o Built-in motion effects include slow, fast, strobe, freeze-frame, reverse, and fit-to-fill with interpolation, and with expanded keyframe controls, editors can now offer dynamic speed changes using Timewarp Motion Effects.

Avid MetaSync™

Offer new services and tap into new revenue streams with the ability to create and modify timing for metadata content such as closed captioning, subtitles, DVD chapter divisions, interactive television events, and movement triggers for motion rides.

New Keyframe Model

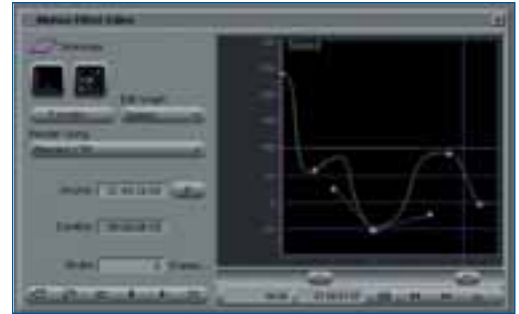
A flexible keyframe environment using Bezier, spline, and linear motion controls to manipulate Timewarp Motion Effects, 2D picture-in-picture, and 3D Warp effects.

Timewarp Motion Effects

High-quality motion effects that allow editors to initiate dynamic speed changes, such as easing into slow motion and stopping motion, then rendering using Avid FluidMotion™ technology.

Marquee® Title Tool*

A true 3D editing environment with a built-in DVE for fast and responsive titling using animated light sources, textures, and greater-than-video resolution files. Hardware accelerated with an OpenGL graphics card.



Timewarp Motion Effects Editor

SimulRecord and SimulPlay*

With time-sensitive sources such as sporting events, satellite feeds, and multicamera shoots, SimulRecord and SimulPlay divides files and writes the pieces to disk, letting editors start to work on shots before digitizing is completed.

Photoshop Layer Import

Import and manipulate native Adobe Photoshop (PSD) files as a multilayer sequence in Avid Symphony systems.

Image Effects

Expand your creative possibilities with 30 new image effects, including Lightning, Fluid Morph, Melt, Pattern Generator, FluidBlur, Particle Burst, and Sparkler.

New DV25, DV50, MPEG/IMX Support* (optional)

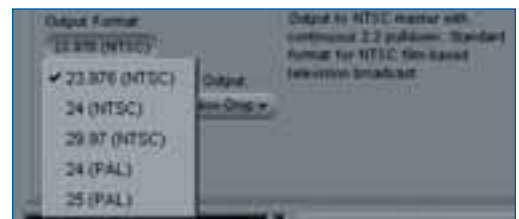
Provides the highest possible signal integrity from the storage-efficient, high-quality offline images to industry-standard DV25, DV50, and MPEG/IMX formats plus dual-stream uncompressed resolutions.



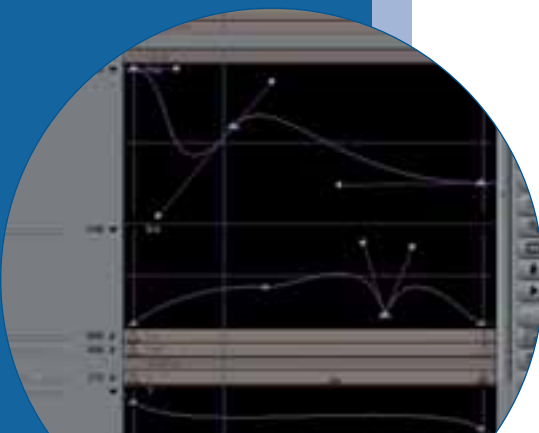
Advanced Color Correction

Point-and-click Multiversioning

Output 23.976 NTSC, 24 NTSC, 24 PAL, 25 PAL, and 29.97 NTSC from a single source



Multiversioning



Keyframe Graphs

*Windows systems only.

Avid Symphony 5.0

SYSTEM CONFIGURATIONS

Hardware

- Compaq EVO Workstation W8000 (Windows 2000) or Macintosh G4 (Mac OS 10.2)
- Meridien™ video subsystem with rackmountable audio/video I/O box
- 8-channel audio hardware
- Optional Fibre Channel adapter card
- LVD SCSI support
- Two high-resolution monitors and two self-powered speakers (optional)
- Colored key caps and labels
- NTSC/PAL video monitor required (not included)

Software

- Avid Symphony software
- Avid Symphony documentation
- Communications software
- EDL Manager software and documentation
- Utilities software
- Avid tutorial CD

Service and Support

- Backed by Avid Service and Support organization
- 90-day software and telephone support
- One-year hardware warranty
- 24-hour telephone support available
- Extended hardware warranty available

Model

	Symphony
Component, Composite, and SDI I/O	●
SDTI CP and FireWire I/O – Windows Only (Optional)	PC
Audio Channels: Input/Monitoring/Output	8/8/8
Avid Real-Time Effects	3D
Image Quality (Dual-Stream)	
Universal Online Images: 1:1, 2:1, 3:1	●
Interlaced Finishing Images: 1:1, 2:1, 3:1	●
DV25, DV50, MPEG/IMX – Windows Only (Optional)	PC
Single-Field Finishing Images: 2:1s, 4:1s, 15:1s	●
Offline Images: 10:1, 20:1	●
Progressive Offline Images: 14:1, 28:1, 35:1	●
9-Stream Multicamera Resolutions (Interlaced): 4:1m, 10:1m (Progressive): 3:1m, 8:1m	●
Editing Features	
Universal Online Editing and Mastering	●
Intraframe™ Editing	●
24 Picture Tracks	●
23.976p, 24p, and 25p Editing	●
MetaSync Capability	●
Digital Video Effects	
Dissolves, Supers, Wipes, Mask, Flips, Flops, Resizes/Peels, Pushes, Spins, Conceals, L-Conceals, Squeezes, Color Effects	RT
Integrated, Anti-Aliased Titling Tool	RT
Marquee® 3D Titling Tool (Windows Only)	PC
Uncompressed Titles and Graphics, Rolls	RT
Downstream Keyer	RT
Static Alpha Channel Matte Key; Chroma and Luma Keys	RT
Real-Time Moving Mattes	●
Customizable 3D Effects	RT
AutoCorrect Color Correction	RT
Pan and Zoom Support	●
Plasma Wipe Effects	RT
Audio Features	
24 Audio Tracks for Editing/Mixing	●
48 kHz and 44.1 kHz	●
Real-Time Audio EQ with Ride and Remember	●
S/PDIF Digital I/O	●
AES/EBU Digital I/O	●
AudioSuite™ Plug-in Support	●

●=Standard RT=Real Time PC=PC Only

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