

Avid Xpress Pro with Avid Mojo

THE POWER OF AVID DNA™ HARDWARE AND PROFESSIONAL EDITING SOFTWARE FOR TRUE REAL-TIME DV AND ANALOG VIDEO AND EFFECTS

Combine the revolutionary Avid Mojo™ Digital Nonlinear Accelerator™ with Avid Xpress® Pro software and turn your desktop – or even a laptop computer – into a true real-time editing studio. Scalable from DV to uncompressed SD video – with DV, composite, S-video, and optional component I/O – Avid Xpress Pro with Avid Mojo delivers extraordinary picture and sound quality, all over a standard FireWire® connection. Fully compatible with the powerful family of Avid editing and networking systems, the Avid Xpress Pro with Avid Mojo system is the perfect portable companion for film and video professionals. And because both Windows XP and Mac OS X versions are included, Avid Xpress Pro software is ready whenever you need it – wherever you are.



- POWERFUL ◦ PORTABLE ◦ AFFORDABLE
- SCALABLE ◦ COMPATIBLE

Avid Xpress Pro with Avid Mojo

Designed for demanding video professionals, the Avid Mojo is compact enough to take on location yet powerful enough to be the core of any video editing suite.

Avid Xpress Pro software provides powerful, portable, professional film and video editing. Expert tools include multicam editing, one-touch color correction, image stabilization, real-time pan and zoom, 24p support, script-based editing, powerful custom music creation, and support for the widest range of export formats including native Windows Media 9 HD (PC only), MPEG 2, and Macromedia Flash. Current and future editing formats include DV25, DV50, DVCPRO HD, native HDV, and Avid DNxHD™*:

Compact enough to take on location, yet powerful enough to be the core of your video editing suite, the optional Avid Mojo Digital Nonlinear Accelerator for DV and SD media delivers dedicated computing power and unprecedented real-time performance – including stunning effects and real-time digital cut – over a standard FireWire connection. Designed for today's independent filmmakers, videographers, and journalists, the lightweight Avid Mojo provides a full complement of real-time DV and analog input and output ports – all wrapped in a rugged anodized aluminum case. And with Avid Mojo you can add uncompressed graphics and titles over DV25 media for the best looking video possible.



Avid Mojo

Avid Xpress Pro software is compatible with the entire line of Avid video and film editing systems and the Avid Unity™ family of shared storage networks and can easily share projects and media as part of an integrated collaborative workflow. And at the center of the Avid Xpress Studio of integrated applications, Avid Xpress Pro offers unmatched interoperability, with robust support for such industry-standard interchange protocols as MXF, OMF®, AAF, AVX™, and more.



Color Correction UI

- o Avid Mojo Digital Nonlinear Accelerator performance increases as host system performance increases.
- o Avid Mojo hardware is part of the complete family of Avid Digital Nonlinear Accelerators (Avid DNA).
- o The Avid Xpress Pro with Avid Mojo system is the first true real-time video editing solution for notebook computers.

DID YOU KNOW?

- o **Avid Xpress Pro 10-bit color correction features three-monitor comparison, NaturalMatch™, and AutoCorrect color correction with customizable waveform and vectorscope monitors.**
- o **Avid Mojo hardware is the first portable device that provides genlock to black burst signal on both DV and analog ports. This guarantees A/V sync for long form projects.**
- o **Avid DNxHD* offers high-quality, storage-efficient rendering of graphics and effects originated from HDV and DVCPRO HD. So in Avid Xpress Pro, HD graphics and titles can always look pristine regardless of format or source material.**

PRODUCT HIGHLIGHTS

Avid Mojo

- Real-time frame-accurate DV output to tape and monitor with multiple streams of video and effects
- Scales from DV to uncompressed SD
- Add uncompressed graphics and animations to DV25 projects in real time, without re-rendering to lower quality format
- Real-time analog-to-DV and DV-to-analog conversion
- Single-cable FireWire connection to laptop and desktop computers
- DV, S-Video, composite, and optional component (4:2:2) input and output
- Multichannel audio punch-in with low-latency monitoring
- 20-bit analog audio input and output
- 24-bit audio file compatible with Digidesign® Pro Tools® software

Avid Xpress Pro Software Scalable Real-Time Architecture

- Pan & Zoom with high-quality real-time preview
- Image stabilization
- Over 115 fully customizable real-time effects
- 2D and 3D OpenGL-based effects
- Real-time effects preview in software or true real-time digital and analog out with optional Avid Mojo hardware
- Real-time transcoding
- Real-time audio dissolves and punch-in
- Expert real-time analysis for Digital Cut output to tape and ExpertRender™ technology

Enhanced Productivity and Ease of Use

- Multicam for simultaneous display and one-click editing between multiple sources
- Automatic Expert Color Correction
- Real-time Timewarp effects
- Unparalleled collaboration with Avid Unity shared storage and networking
- Mix online and offline resolutions in the same timeline
- 15:1s offline resolution
- 35:1p, 28:1p, and 14:1p playback-only resolutions
- 23.976p with advanced pulldown
- JKL Trim, edit and machine control
- Extend and Replace Edit
- Highly customizable user interface
- User protection with AutoSave and 32 levels of undo
- Superior project management: Avid Media Tool, consolidate and transcode

Real-time professional-level color correction tools

- New One-Step AutoCorrect can correct an entire sequence with one click
- NaturalMatch expert can match skin tones from shot-to-shot in a single click
- Keyframeable color effects
- Three-up Color Correction windows
- Advanced Waveform and Vectorscope monitors

Customizable, Professional Tools

- Powerful audio tools including audio mix, audio punch-in, real-time EQ, automation gain, stereo VU meters and Digidesign AudioSuite™ technology
- Advanced keyframe model for 2D and 3D Picture-in-Picture effects
- DV Scene Extraction
- IllusionFX™ for more effects power

Streamlined Interoperability and Workflow

- MXF, AAF and OMF media support
- DV25, DV50
- Uncompressed SD
- Native HDV*
- DVCPRO HD*
- Avid DNxHD*
- Windows Media 9 HD and SD encoding (PC only)
- MetaSync® support for advanced metadata management
- Supports all AVX 1.5 and 2.0* plug-ins including third-party real-time plug-ins
- Windows and Mac software in one box
- Bins, sequences, projects, and media compatible with other Avid editing products for seamless workflow with Meridian™ products and Avid Media Composer® Adrenaline™ systems
- Support for popular FireWire cards, cameras, and decks
- Seamless audio exchange with Digidesign Pro Tools systems
- Avid Unity LANshare EX support
- Avid PortServer Pro support
- DVC Pro PAL 4:1:1 support
- Support for 24p HD offline
- Multiprocessor optimized
- Award-winning Avid training materials included

*Planned for future release

**Requires Panasonic AG-DVX100 camera

Avid Xpress Pro with Avid Mojo

SYSTEM CONFIGURATIONS

Avid Xpress Pro

Avid Xpress Pro is professional, real-time video, audio and film editing software for independent filmmakers and videographers providing a scalable real-time architecture, powerful toolset, and the freedom to create anywhere. This package includes:

- **Avid Xpress Pro** software for both Windows XP and Mac OS X platforms with award-winning Avid Xpress Pro documentation and product tutorials
- **Digidesign AudioSuite** tools with enhanced audio filters
- **Avid FilmMaker's Toolkit**
 - **Avid FilmScribe™** generates frame-accurate cutlists for assembly of film negatives
 - **AutoSync™** synchronizes separately captured audio and video clips
 - **Avid Dupe Detection** automatically keeps track of shots you've already used
 - **Avid Script-Based Editing** allows for editing directly from a script
 - **Avid Log Exchange** converts clip log files created by other sources for bin import
 - **Film Effects** provides additional film-style effects
- **Avid Pan and Zoom** provides real-time, keyframable motion of high-quality still images
- **Avid Image Stabilization** eliminates unwanted camera movement from any clip
- **Avid IllusionFX** provides 29 cool plug-in effects such as Motion Blur, Page Curl, Melt, FluidMorph, and Timecode
- **Avid Total Conform** provides full project, bin and sequence compatibility with Avid Media Composer Adrenaline, Symphony™ and Avid Xpress systems
- **Sorenson Squeeze 3 Compression Suite** for high-quality encoding to QuickTime, Flash, MPEG-4, and on Windows XP also MPEG-1, MPEG-2, RealMedia, and Windows Media formats
- **SmartSound Sonicfire Pro** for custom, high-quality music creation
- **Boris GRAFFITI LTD** advanced 2D titling tools
- **Boris FX LTD** advanced 2D/3D effects and compositing tools
- **Sonic ReelDVD LE** for professional-quality DVD creation on Windows XP

Avid Mojo

- Avid Mojo
- Avid Mojo Stand
- FireWire Cable
- AC Adapter and Power Cable
- Optional Component Video I/O Cable Kit



Avid Mojo

Minimum System Requirements

An Avid-qualified system with:

Windows XP Professional with SP1 and 1.8 GHz Pentium 4 or Xeon, 1.3 GHz Pentium M OR

Mac OS X 10.3 and 867 MHz G4 (1 GHz G4 with Avid Mojo) or any G5

512 MB system memory for software only (1 GB with Avid Mojo)

40 GB internal disk drive

CD or DVD drive

NOTE: Real-time performance will vary according to system configuration. For optimal performance with Avid Mojo, a current model dual-processor system with fast disk subsystem is recommended. For the latest information on Avid-qualified systems please visit www.avid.com/xpresspro.



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