

Avid Xpress® STUDIO



Avid Xpress Studio Essentials

Avid Xpress Studio Essentials is a complete production suite in a single, integrated package. Video editing. Sound editing and design. 3D animation. Titling and visual effects. Advanced DVD authoring. All working together seamlessly. Five powerful applications plus the **Digidesign® Mbox™** dual-channel micro-studio add up to one incredible value.



Avid Xpress Studio Complete

Take your creativity to the next level with Avid Xpress Studio Complete. Five integrated applications plus integrated hardware. The **Digi 002**® automated control surface controls both Avid Xpress Pro and Avid Pro Tools® LE. **Avid Mojo™** delivers real-time output of finished video and effects, client monitor previews for Avid 3D and Avid FX, uncompressed SD, and more.



Avid Xpress Studio. Just Imagine.



Imagine a complete suite of today's most powerful media creation tools – right at your fingertips.

Imagine having the best video editor, audio editor, 3D animation package, compositing and effects engine, and DVD authoring package working together seamlessly on your Windows XP desktop or laptop. Imagine this suite of software with the Digidesign Mbox portable micro-studio for dual-channel, studio quality audio I/O.

Now imagine adding professional production hardware for audio and video. Avid Mojo for real-time video and effects. Replace Mbox with Digi 002 for eight channels of studio-quality I/O and touch-sensitive, motorized faders.

Imagine all this from the company that revolutionized the way the world makes digital media with integrated, intuitive systems and software.

This is no fantasy. It's Avid Xpress Studio.

With Avid Xpress Studio, you can share files, footage, and metadata between applications with drag-and-drop simplicity. Set DVD chapter marks and thumbnails right from the editing timeline. Incorporate video projects into 3D animations. Add motion tracking, vector paint, and advanced titling without leaving the editor. Enjoy the industry's widest support for open standards and formats including MXF, AAF, OMF®, HDV and new Avid DNxHD™*.

You also get the power and performance of integrated hardware. Real-time 3D camera views and composite output to a monitor. "Mix to pix" with perfect sync between audio and video hardware. Portable video processing with real-time video effects preview.

No weak links, no missing pieces. Applications of unmatched depth, range, and caliber with dedicated production hardware from Avid, Digidesign, and Softimage®. The best of the best, from the names you trust, all working seamlessly together.

This is *everything* you imagined. Avid Xpress Studio. At a price that's a dream come true.

Avid Xpress PRO



There's a reason why the other editing applications compare themselves to Avid. Avid's editing tools have been refined through a dozen generations of input from the most accomplished and demanding editors in the business. These are the tools that continue to define the industry, the standard against which others measure themselves.

Advanced Editing Features

How advanced? No other editing app has the sheer elegance and richness of the authentic Avid toolset and interface, let alone many of Avid Xpress Pro's most important features, including multicam editing, image stabilization, pan and zoom of oversize stills with high-quality real-time preview, script-based editing, and advanced metadata management directly in the timeline.

Automatic Expert Color Correction

Automatically color correct an entire sequence with a single click. Refine using the expert features of the Avid Symphony™ color corrector, including patent-pending NaturalMatch™ technology.

Powerful Film Support

Avid Xpress Pro supports both 23.976 and 24p projects, including standard and advanced pulldown, the industry's most advanced film metadata tools, and full bi-directional compatibility with the Oscar® winning Avid Film Composer®, including film offline resolutions.

Unmatched Support for Open Standards and Formats

Only Avid Xpress Pro offers full support for MXF (including the Open Source AAF Toolkit), AAF, OMF, and other industry-standard interoperation protocols, as well as an exceptionally wide variety of import and export formats – including Windows Media 9 HD, Macromedia Flash, MPEG 2, MPEG 4, and QuickTime – plus dozens of interchange formats from EDL to HIIP® and native Photoshop import. Edit natively with formats including DV25, DV50, Avid DNxHD* and HDV*.

Avid Unity Connectivity and Avid Total Conform Compatibility

It's easy and affordable to incorporate Avid Xpress Pro into a truly collaborative environment. Connect via low-cost Ethernet to Avid Unity™ LANshare EX or Avid Unity MediaNetwork** shared storage networks and realize the ultimate in workflow efficiency. More than simply shared storage, only Avid Unity networks enable sharing at the file level, allow on-the-fly storage allocation, and support a mix of platforms and interfaces for simultaneous, real-time access to media.

Scalable, Real-time Hybrid Architecture

Avid Mojo hardware provides render-free video and effects, real-time pulldown reinsertion, uncompressed graphics in DV projects, and the power to scale from DV to uncompressed SD, all over a simple FireWire connection in a very portable package.

Avid PRO TOOLS LE



Oscar® winning Pro Tools® software from Digidesign® is the envy of the industry. Don't take our word for it, just ask the competition. They all talk about Pro Tools compatibility. Save yourself the extra steps, and work with the tools that set the standard in creative sound design.

Avid Pro Tools LE includes Digidesign's DV Toolkit and Mbox hardware, and allows you to move your ideas from concept to completion with ease and confidence. "Mix to pix" with a single screen that lets you adjust every aspect of both audio and MIDI data. Tweak sounds, change pitch, rearrange sound effects, record new audio, clean up background noise, replace dialog, and more.

Powerful Audio Editing

Avid Pro Tools LE software supports up to 32 tracks of high-fidelity 24-bit/96 kHz audio and enables you to define the quality of your audio, to import and export popular audio file formats, and to easily manage all of your audio files. The ability to import and export OMF and AAF sequences allows you to transfer audio to and from Avid Xpress Pro for further sweetening. Avid Pro Tools LE sessions also feature precise compatibility with industry-leading Pro Tools TDM systems, including Digidesign Pro Tools|HD®.

Advanced Mixing Controls

Automate up to 32 audio and 256 MIDI tracks, incorporate a wide range of plug-ins and third-party applications, and add outboard gear to create your music tracks. The total recall capability of Avid Pro Tools LE enables you to go back and forth between projects without losing any of your mixer settings.

Seamless Hardware Interoperability

Digidesign Mbox hardware integrates with Avid Pro Tools LE software to provide unmatched ease of use and creative control. Avid Xpress Studio Complete replaces Mbox with the Digi 002 control surface for both Avid Pro Tools LE and Avid Xpress Pro audio mixing tools. Avid Mojo adds full compatibility with Digi 002 for perfectly synchronized "mix to pix" on both the desktop and the client monitor.

* Avid DNxHD and HDV planned for future releases

** Connect to Avid Unity MediaNetwork through PortServer Pro

Avid 3D



For nearly a decade, Softimage has been the first name in integrated 3D animation and effects. Softimage is the ideal source for powerful, easy-to-use animation tools especially designed for video editors. And that's what you get with Avid 3D.

Even if you've never used a 3D application before, you're just a few clicks away from creating extruded text and logos, 3D models, particle systems, and dynamic warping effects. Loads of gorgeous 3D models are included, with simple tools to make them your own. Throughout Avid 3D, the workflow is the same: select, drag, drop, and go.

Powerful Integration with Avid Xpress Pro and Avid Mojo

Use AAF to share Avid media with Avid Xpress Pro and Avid 3D. Use video clips as texture maps, backgrounds, and as plane objects in 3D scenes. Render footage to the MXF and Avid DNxHD format for instant import into any Avid Xpress Pro project. Display real-time 3D camera views on an external monitor using Avid Mojo.

Customizable Preset Models and Animations

Thanks to a variety of easily customized elements and scenes, there's no need to become an expert to utilize the expert capabilities built into Avid 3D. These include editable models from the highly respected Digimation libraries, as well as a variety of easily customized 3D elements, textures, and fully animated scenes. Import additional 3D models using industry-standard formats, and import 3D scenes created in SOFTIMAGE|XSI®. Add the elements and animations you create to the Avid 3D libraries for later reuse.

Integrated 3D Title Animation

When combined with Avid 3D's powerful effects and real time composition, it's easy to create dynamic titles quickly and easily. And not just extruded text. Avid 3D provides complete control over the 3D environment. For example, wrap 3D text around a true 3D globe, and have those interact together with other objects in the scene.

DVD Element Creation

Easily create 3D buttons, backgrounds and other graphic elements using Avid 3D's texture generators, bump maps, and scene lights.

Compositing and Graphic Design

Model, texture, material, and shader libraries can be customized to provide backgrounds and graphic elements for titles, bumpers, and other high-impact sequences.

Special Effects

3D particle systems, warps, deformations, explosions, lens flares, and volumetric lighting are just some of the effects capabilities of Avid 3D. All of them are adjustable in real time for uninterrupted interactivity.

Avid FX



Avid FX offers advanced titling, effects and compositing, based on the industry-leading NLE effects engine of Boris Red – an entire compositing environment built directly inside Avid Xpress Pro. All the performance, workflow and cutting-edge features you need without the import and export hassles.

Productivity and Integration

Built-in productivity features of Avid FX include integrated effects creation through the AVX™ plug-in architecture, a robust style palette and Library Browser for viewing animated presets of over 1,500 customizable templates and elements, and output to client monitor through Avid Mojo.

The Industry's Most Advanced 2D Title Animation

Whatever kind of video you do, you know you want jaw-dropping titles. Take advantage of native vector text, one-click animation, powerful styles, text on path (with both text and path animation in 3D space), compelling lower-thirds with integrated graphic backdrops, and dynamic randomization and text generation effects to easily distinguish you from your competitors.

Visual Effects and Compositing

Start with exceptionally powerful compositing, including the ability to animate and combine any of over 27 "compositing apply" modes in a single layer. Add full control over brightness and contrast and a variety of options for channel-driven blending for uniquely powerful compositing. Add motion tracking with corner pinning, vector paint, rotoscoping, and a fully 3-dimensional compositing and effects environment for the widest range of features ever offered in a single effects package.

Filters

Avid FX features over 110 advanced image-processing filters, including Wire Removal, Grain Match, Light Zoom, Glow Edges, Z Blur, Motion Blur, Cartooner, and a wide range of keying, color, time, and lighting filters.

Vector and Graphic Animation

Create, animate, and import vector graphic files quickly and easily. Capabilities include animated 2D and 3D charts, paint and splines, custom masks, vector text, and EPS import, animation, and extrusion. Procedural pattern and textures, animated gradients, and a customizable library of graphic elements provide exceptional graphic generation and animation flexibility.

Avid DVD by SONIC™



Enjoy expert DVD authoring without the painful learning curve. Developed expressly for Avid by Sonic Solutions, the leader in DVD creation software, Avid DVD allows you to create distinctive, interactive DVDs with advanced menus and navigation – all within a simple point-and-click user experience.

Integration with Avid Xpress Pro

Powerful metadata tools within Avid Xpress Pro enable easy creation of DVD chapters, thumbnails, and subtitles directly on the Avid Xpress Pro timeline.

Advanced Authoring Made Easy

Designed with professional DVD creation in mind, Avid DVD features such as JumpAnywhere make it easier for non-authors to create complex titles, with complete, painless control of up to 60,000 individual elements. Combine 4:3 and 16:9 media in the same project. Exclusive WriteDirect technology allows DVDs to be written directly to DVD or DLT for significant savings in time and drive space.

Open DVD

OpenDVD technology allows users to revise content without re-authoring from scratch, making it faster and easier to make multiple changes to finished titles. Exclusive Edit-on-DVD technology makes Avid DVD the ultimate tool for creating client-approval DVDs and updating archived projects such as demo reels.

Comprehensive Subtitle and Surround Sound Support

Avid DVD supports up to 32 subtitle tracks and 8 audio tracks, with full support for DVD-legal 5.1 surround. All imported audio is automatically converted to Dolby Digital for maximum quality.

BitBudget Calculator

Accurately track the size of your project as you author to ensure the best possible use of available disc space.

Seamless DVD Workflow

Each component of the Avid Xpress Studio can be used to create video, special effects, audio, titling, graphics, and animation for DVD projects.

Avid Xpress Studio Hardware

Avid Xpress Studio Essentials comes with the **Digidesign Mbox** – innovative, portable hardware with professional audio inputs and outputs, visual indicators, and tactile controls designed to interact seamlessly with Avid Pro Tools LE software.

You can increase the performance and power of Avid Xpress Studio with the video and audio hardware found in Avid Xpress Studio Complete. Replace the Mbox with the **Digi 002** control surface and you have powerful, professional connections and touch-sensitive controls for both Avid Xpress Pro and Avid Pro Tools LE software. **Avid Mojo** adds simultaneous real-time output of multiple streams of video and effects to monitor and tape, real-time mixing of uncompressed graphics and animation with DV25 media, and real-time previews of Avid 3D and Avid FX to client monitor.

Route your audio signals via Mbox's I/O, create a session to build and manage your project, and you are ready for beginning-to-end creativity in a fully self-contained environment. Mbox interacts seamlessly with Avid Pro Tools LE software for advanced audio design capability in a results-oriented micro studio.



The revolutionary Avid Mojo is the portable, powerful Digital Nonlinear Accelerator™. Avid Mojo connects to your computer with a single FireWire cable and delivers real-time video output from Avid Xpress Pro, Avid 3D, and Avid FX. True real-time effects, real-time DV input and output, professional analog-to-DV media conversion, uncompressed SD video, and the real-time addition of uncompressed graphics and animation to DV projects.



Digi 002 gives you everything you need for superior audio production with both Avid Pro Tools LE and Avid Xpress Pro software through a single FireWire cable. This powerful control surface includes professional analog, digital, and MIDI I/O™, and supports 32 tracks of simultaneous record and playback, 128 MIDI I/O tracks, and real-time plug-in playback.



for more information, visit: www.avid.com/studio

Avid Xpress Studio is the most complete, most powerful digital media creation suite ever offered, with best-of-breed video, audio, 3D animation, effects and compositing, and DVD authoring plus a choice of powerful hardware.

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

Avid Pro Tools LE is based on the Academy Award®-winning Pro Tools, the industry-leading digital audio production system from Avid's Digidesign division. Avid Pro Tools LE with Digidesign Mbox hardware and Digidesign DV Toolkit features matchless flexibility, power, and simplicity for audio editing, effects, and more.

Avid 3D is based on the industry-leading 3D animation, compositing and special effects developed by Avid subsidiary Softimage. Avid Xpress 3D is specially designed for video editors, with a library of easily customized preset animations, models and scenes.

Avid FX provides the widest range of high-quality titling, compositing and effects ever offered in an NLE. Based on the industry-leading NLE integrated effects of Boris Red, Avid FX works as an AVX plug-in. With over 1500 customizable title, effects and transition templates it's the ultimate combination of power and convenience.

Avid DVD by Sonic offers expert authoring features while reducing the learning typically required to create sophisticated interactive DVD titles. Based on DVD Producer from Sonic Solutions, the industry leader in advanced DVD authoring, Avid DVD offers the perfect balance of speed, flexibility and power, along with tight Avid Xpress Pro integration.

Avid Xpress Studio Complete substitutes the Digi OO2 for Mbox, which controls both Avid Xpress Pro and Avid Pro Tools LE, and the Avid Mojo Digital Nonlinear Accelerator for real-time output of finished video and effects, client monitor previews for Avid 3D and Avid FX, uncompressed SD, and more.

System requirements

Please check www.avid.com/studio for the latest configuration information.



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