Avid Xpress Studio HD

Avid Xpress Pro HD **Avid PT LE** **Avid 3D** **Avid FX** **Avid DVD**

Avid Xpress Studio HD Complete

Take your creativity to the next level with Avid Xpress Studio HD 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 HD Essentials

Avid Xpress Studio HD Essentials is a full 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 Pro HD

Of course Avid Xpress Pro HD supports HD, including native HDV and DVCPRO HD editing and the revolutionary Avid DNxHD for uncomressed quality in uncompressedSD bandwidth. But there's so much more, regardless of the resolutions you work with today and in the future. 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 HD'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. And only Avid Xpress Pro HD allows easy mixing of HD, SD, DV, and film in a single project.

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 patented NaturalMatch™ technology.

Powerful Film Support

Avid Xpress Pro HD 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 HD offers full support for MXF (including the Open Source AAF Toolkit), AAF, OMF, and dozens of other industry-standard interoperation protocols, as well as an exceptionally wide variety of import and export formats.

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 IEEE-1394 connection in a very portable package.

*HDV planned for future release

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 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 your audio. 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 HD 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 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

Avid Xpress Studio HD Complete includes the Digi 002 mixer with 8 motorized touch-sensitive faders to control I/O and timeline mixing in both Avid Pro Tools LE and Avid Xpress Pro HD. Avid Mojo, Digital Nonlinear Accelerator™, hardware, also included in Studio HD Complete, adds video output to Avid Pro Tools LE along with sample-acurate sync with Digi 002 for perfect "mix to pix." Avid Xpress Studio HD Essentials instead features the Digidesign Mbox micro-studio with 2 channels of balanced analog audio I/O with mic preamps, and S/PDIF and ADAT connections all in a highly portable package.

Avid 3D

For two decades, Softimage has been the first name in integrated 3D animation and effects. Now they provide integrated drag-and-drop 3D titling and effects for video editors 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.

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.

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 3D scenes created in Softimage|XSI®. Add the elements and animations you create to the Avid 3D libraries for later reuse.

Powerful Integration with Avid Xpress Pro HD and Avid Mojo

Use AAF to share Avid media with Avid Xpress Pro HD and Avid 3D.

Use video clips as texture maps, backgrounds, and as plane objects in 3D scenes. Render 16-bit MXF footage in HD or SD formats that instantly and automatically import, into any Avid Xpress Pro HD project. Display real-time 3D camera views on an external monitor using Avid Mojo.
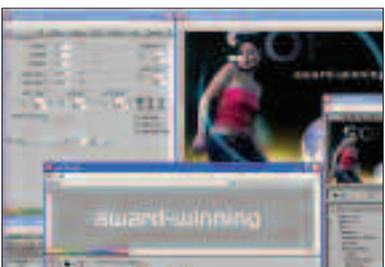
DVD Element Creation

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 HD. All the performance, workflow and cutting-edge features you need without the import and export hassles, with 16-bit HD and SD processing for maximum quality.

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, roto-scoping, 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.

Productivity and Integration

Built-in productivity features of Avid FX include integrated effects creation through the AVX™ 2 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

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 HD

Powerful metadata tools within Avid Xpress Pro HD enable easy creation of DVD chapters, thumbnails, and subtitles directly on the Avid Xpress Pro HD timeline. One-button "send to" exports video, audio, and metadata directly to Avid DVD, and tight integration with Sorenson Squeeze Compression Suite for even more encoding options.

HD DVD Authoring

Thanks to WMVHD and Sonic, HD DVD authoring is here today, ready to play on over 75 of the world's computers and a range of standalone players, using existing DVD media–no need to want for emerging incompatible standards that will require complete retooling. And, of course, WMVHD DVDs look spectacular, which is why so many Hollywood movie studios have already committed to this new standard, HD DVD creation in Avid Xpress Studio HD features the same tight integration. Avid Xpress Pro HD available for SD DVDs, including integrated chapter creation and one button "send to" authoring.

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.

OpenDVD

OpenDVD® technology allows users to revise content without re-authoring from scratch, making it faster and easier to make multiple changes to finished titles. OpenDVD 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.

Seamless DVD Workflow

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

Avid Xpress Studio HD Hardware

Maximize the performance and power of Avid Xpress Studio HD with the video and audio hardware found in Avid Xpress Studio HD Complete. The Digi 002 control surface provides powerful, professional connections and touch-sensitive controls for both Avid Xpress Pro HD 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, real-time previews of Avid 3D and Avid FX to client monitor, and SD display of HD media

Avid Xpress Studio HD 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.

The revolutionary Avid Mojo is the portable, powerful Digital Nonlinear Accelerator™. Avid Mojo connects to your computer with a single IEEE-1394 cable and delivers real-time video output from Avid Xpress Pro HD, Avid 3D, and Avid FX. True real-time effects, real-time DV input and output, the real-time addition of uncompressed graphics and animation to DV projects, and SD display of HD media.

Digi 002 gives you everything you need for superior audio production with both Avid Pro Tools LE and Avid Xpress Pro HD software through a single IEEE-1394 cable. This powerful control surface includes professional analog, and digital, and supports 32 tracks of simultaneous record and playback, including real-time plug-in playback.

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.

Avid Xpress Studio HD 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 HD 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 offers drag-and-drop titling and effects, a library of easily customizable models and scenes and instant, automatic integration with Avid Xpress Pro HD..

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 2 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 HD integration.

Avid Xpress Studio HD Complete substitutes the Digi 002 for Mbox, which controls both Avid Xpress Pro HD 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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To find your regional Avid office, visit **www.avid.com/contact**