



Avid® Studio Toolkit HD: 3D animation, animated titles, effects, compositing, and advanced DVD authoring at your fingertips. Three powerful applications that work seamlessly with Avid Media Composer® Adrenaline™ HD, Avid Xpress® Pro HD, and Avid NewsCutter® systems. Designed for the new breed of editing professionals who need best-of-class tools for everything they do. With Avid Studio Toolkit HD, you can share HD and SD files and footage between applications with drag-and-drop simplicity. Set DVD chapter marks and thumbnails right from the editing timeline. Select video for backgrounds and textures in 3D animations. Add motion tracking, vector paint, and advanced titling—without leaving the editor. You also get the added power and performance of integration with your Avid hardware, including real-time 3D camera views and real-time video effects previews. Give your imagination a workout with Avid Studio Toolkit HD.

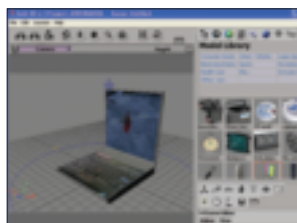
## Avid 3D

## Avid FX

## Avid DVD by SONIC

Three powerful applications.  
One incredible package.

With the industry's widest range of video, film, audio, and 3D solutions, Avid is uniquely positioned to deliver a package like Avid Studio Toolkit HD. Innovative software and hardware integration lets editors focus on creative solutions, while customizable libraries, presets, and templates provide great-looking results right out of the box. Avid Studio Toolkit HD is also optimized to take advantage of Avid's industry-leading support for interoperability and open standards, including MXF, AAF, OMF®, MetaSync®, and the AVX™ plug-in architecture for a truly integrated workflow.



## Avid 3D

Based on industry-leading 3D animation and special effects technology from Softimage, Avid 3D offers streamlined animation tools for video editors. Animation rigs offer simple, dynamic controls over multiple elements, with exceptional real-world lighting effects and 3D warping tools. An extensive library of high-quality objects and scenes dramatically eases learning. All of this is easily customized with drag-and-drop controls and instant OpenGL feedback.

### Powerful integration with Avid editing systems

Use AAF files to share Avid media with Avid 3D. Use video clips as texture maps, backgrounds, and as plane objects in 3D scenes. Render footage to Avid DNxHD™, DVCPRO HD, and any SD format including 10-bit for instant import into Avid projects. Display real-time 3D camera views on an external monitor. And much more.

### Customizable preset models and animations

Thanks to a large palette of customizable elements and scenes, there's no need to become an expert to utilize the powerful capabilities built into Avid 3D. These include high-resolution models from the industry-leading Digimation libraries, as well as a variety of easily customized 3D elements, textures, and fully animated scenes. Import additional 3D models, then add the elements and animations you create to 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 them interact with other objects in the scene.

### DVD element creation

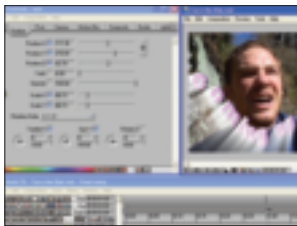
Easily create 3D buttons, backgrounds, and other graphic elements using Avid 3D's texture generators, bump maps, and scene lights.

### 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 creativity.



## Avid FX

**Avid FX provides the widest range of high-quality titling and effects ever offered in an NLE. Avid FX is based on Boris Red, the industry-leading integrated effects package, and works as an AVX plug-in. With over 1,500 customizable title, effect, and transition templates, it's the ultimate combination of creative power and convenience.**

### 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 your Avid hardware.

### 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

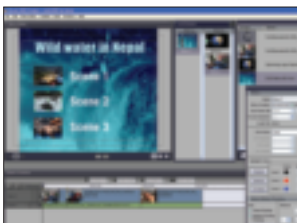
blending for uniquely powerful compositing. Motion tracking with corner pinning, vector paint, rotoscoping, and a fully 3-dimensional compositing and effects environment are all included in the widest range of features ever offered in a single effects package.

### 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

**Based on Sonic DVD Producer—from the world's leading supplier of advanced DVD technology—Avid DVD offers expert authoring features while reducing the complexity typically required to create sophisticated interactive DVD titles. New menu/background templates make creating beautiful results easier than ever. Tightly integrated with Avid editing applications, Avid DVD offers the perfect balance of speed, flexibility, and power.**

### Integration with Avid editing systems

Powerful metadata tools within Avid systems enable easy creation of DVD chapters, thumbnails, and subtitles directly on the Avid timeline. Avid DVD automatically imports, creates a movie, and creates chapter points.

### Streamlined authoring

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 disk space.

### Seamless DVD workflow

Use Avid FX and Avid 3D to create video, special effects, audio, titling, graphics, and animation for DVD projects.

For more information and system requirements visit [www.avid.com/studiotoolkitHD](http://www.avid.com/studiotoolkitHD) or contact your local reseller.

make manage move | media™ **Avid**

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