

# COOL 3D™

## Production Studio

Professional 3D Text and Graphics for Video



## What's New

Ulead® COOL 3D™ Production Studio is a new breed of 3D animation software for video production. Streamline your 3D text and graphics work with advanced tools to produce professional-looking animation that will give any video production the broadcast quality it needs.

### Sophisticated 3D Objects

Design sophisticated 3D text and objects with intuitive tools. Use pre-made shapes and styles, import 3DS and X models, or create new ones from scratch.

### Powerful Effects

Choose from an assortment of effects, filters, and plug-ins to create unique 3D graphics. Easily apply behaviors and styles from the EasyPalette.

### Professional Output

Save COOL 3D Production Studio files as overlays or complete videos for use with popular video editors. You can also export projects as Web animation, 3D models, or still images.

## SOPHISTICATED 3D OBJECTS

### Easy 3D Text and Objects

- **Lathe Object Tool** lets you create custom geometric objects that are axis-symmetric and fully-3D.
- **Create New Geometric shapes** with MetaEllipsoids.
- **Popular 3D Format Support** allows easy import of 3DS and X models directly into COOL 3D Production Studio.
- **FreeForm Effect** smoothly shifts objects from one form to another.
- **Object Manager** lists all objects and groups and lets you group/ungroup, lock/unlock, disable/enable, delete, and rename them.
- **Advanced Texture Mapping** provides multiple options on how to wrap textures around objects.
- **Material Gallery** lets you apply textures to objects, including Metallic, Plastic, Glass, Wood, Skin, Fabric, and Ceramic.
- **Transparent Mode** specifies an object's degree of opacity for optimum fade effects.

### Import Files easily

- **Video:** AVI, MOV
- **Audio:** MP3, WAV, AIFF, AU, AVI, MOV
- **3D Models:** 3DS, X model

### Advanced Productivity

- **Visual Open** allows image file previews before opening.
- **Selection Indicators** identifies the currently-selected object by showing a bounding box around it.
- **Object Alignment** automatically aligns objects based on X,Y, or Z coordinates.
- **Camera View** shifts user perspectives from Front, Back, Right, Left, Top, or Bottom views.
- **Light Guide** displays the color and position of a scene's illumination.
- **Tool Panel Manager** arranges frequently-used panels into one strip for quicker access.

## POWERFUL EFFECTS

### Extensive Video and Audio Support

- **Video Background Support** sets and plays movies as independent motion backgrounds.
- **Magic Gradient/Texture** lets you apply animated gradients or textures as backgrounds.
- **Video Texture** embeds video in 3D objects for added animation effects.
- **Add Audio** background to projects by importing MP3, WAV, or AIFF files.

### Object-based Effects

- **Cartoon Shader** reduces color content and renders 3D models into cartoonlike images.
- **Psychedelic** heightens objects's colors vividly.
- **Stylized Outline** simplifies objects into artistic outlines stroked in Ink, Pencil, Charcoal, or Brush.

## Powerful Timeline

- **Timeline mode** provides frame-accurate editing, including multiple key frame control of each text or object.
- **Modify Frames** by changing duration, or by padding/removing frames.
- **Timecode** indication on Timeline shows the length of animation from first frame to current frame.
- **Thumbtacking** allows you to view attributes of different objects at the same time.

## Global Effects

- **Natural Paint** stylizes 3D objects and renders them into hand-drawn art. Choose from Color Pen, Charcoal, and Watercolor.

## Particle System

- **Particle Effects** introduces elemental effects, such as Smoke, Snow, Bubble, Fire, or Custom particles, for increased realism.
- **Customize** particle size, density, color, emitter type, direction, and speed.
- **Collision Detection** controls how particles "bounce" off other objects.
- **Change Emitter's Position** sets the particle's point of origin.

## PROFESSIONAL OUTPUT

---

### Seamless Integration

- **Create transparent Video Overlays** by outputting projects into 32-bit AVI or TGA with alpha channel support.
- **Integration with Ulead® MediaStudio® Pro and Ulead® VideoStudio™** provide direct access to other Ulead software so you can import COOL 3D Production Studio Projects effortlessly.

### File Format Export

- **3D Models** 3DS, X model

## TECHNICAL SPECIFICATIONS

---

### System Requirements

- Intel® Pentium® II or compatible processor or above (Intel® Pentium® III 800 Mhz recommended)
- Windows® 98SE/ME/2000/XP
- 64 MB RAM (128 MB RAM recommended)
- 120 MB available hard disk space (250 MB recommended)
- Display card with 4 MB display memory (32 MB recommended) which supports DirectX® 7 or above
- DirectX® 8.1 driver or above
- High Color or True Color display mode and monitor
- CD-ROM drive
- Windows-compatible pointing device



CREATIVE INTELLIGENCE

Copyright © 2002 Ulead Systems, Inc.  
All rights reserved. Ulead, the Ulead logo and COOL 3D are trademarks or registered trademarks of Ulead Systems, Inc. Other product names used herein are trademarks or registered trademarks of their respective holders and are used for identification purposes only.

**North & South America**  
[www.ulead.com](http://www.ulead.com)

**Japan**  
[www.ulead.co.jp](http://www.ulead.co.jp)

**Asia Pacific & Taiwan**  
[www.asiapac.ulead.com](http://www.asiapac.ulead.com)  
[www.ulead.com.tw](http://www.ulead.com.tw)

**Europe**  
[www.ulead.de](http://www.ulead.de)  
[www.ulead.co.uk](http://www.ulead.co.uk)  
[www.ulead.co.uk/fr](http://www.ulead.co.uk/fr)

**China**  
[www.ulead.com.cn](http://www.ulead.com.cn)