

Real-Time Content Creation

Pandoras Box Editor

**You've got the skills.
We've got the tools.**

The Pandoras Box Editor is a state of the art 2D/3D content editing and compositing system. It combines a great range of new features that make it an extremely powerful tool for interactive content production.

This software only solution is an advanced real-time rendering system that combines non-linear editing and 3D compositing tools.



Screenshot of the Pandoras Box Editor Interface

The Editor is ideally suited for use in the show, broadcast or installation sector. Using the Editor in conjunction with other coolux products will help you boost your content workflow efficiency.

All Pandoras Box systems share a unique user-interface that allows a fast editing and project workflow.

NEW Video Export

The Editor features an integrated 3D geometry editing system. Frame accurate rendering is combined with FluidFrame™ technology to allow for a reliable mixed framerate support. Users can export their media as either 2K/Full HD video or image sequences.

NEW Aeon™ FX Engine

The new coolux effects engine offers users a truly dynamic and comprehensive shader effects system supporting custom FX creation. With the support of modern graphics hardware acceleration, all effects can be pre-viewed in real-time.

NEW FireFly™ 3D Particle System

Create mind blowing motion graphics with the help of the FireFly™ Particle System. Each emitter supports individual 3D geometry and independent video textures. You can even add physical forces like wind & gravity and control the animation over the particle life time.



Mando Diao Tour – Video Design by LOOP LIGHT

Pandoras Box Editor

Software Features

The Pandoras Box Editor enables designers and content creators alike to harness the creative powers of the award winning Pandoras Box product family without the need to buy any additional hardware processors.

This software only solution is perfect for creating stunning Full HD content in real-time. Fast, efficient, creative. The Pandoras Box Editor is a versatile design tool for users aiming to create high definition content in a 3D environment.



Screenshot of the Pandoras Box Editor Interface

Unlimited Effects

The Editor effects engine enables users to create and use an almost unlimited number of effects that can be freely combined. Export effects as an MPEG file and re-integrate them into the timeline to create even more effects within effects.

3D Geometry

All media and effects can be arranged and animated in a true 3D composition space. Each layer supports 3D geometry (.x files) for advanced UV Mapping. Create dynamic effects and camera movements for stunning motion graphics.

Unique User Interface

The Editor shares a unique view based user-interface with all Pandoras Box products that allows for a fast configuration and an efficient programming workflow.

Detailed Features

- 3D Layer Composition
- Video Export & Recording
- Multi-Channel ASIO Audio

Aeon™ FX Engine

- Dynamic FX Engine
- Keying, Masking
- Motion Effects
- Texture Effects
- Geometry Effects
- Compositing
- Custom FX Support
- Layer and Texture Blending
- 3D Camera Parameter
- Independent Viewpoint and Target
- Field of view and Aspect Ratio
- Lens Shift X&Y Offset

FireFly™ 3D Particle System

- Dynamic 3D Particle Systems
- Layer independent emitter settings
- Emitter based Texture & Object
- Point, Line, Ring, Sphere Area Emitter
- Physical Force System: Gravity & Wind
- Animation over particle life time

