



CORIO[®]gen Eclipse

*Real-time Genlock Overlay & Computer to Video Conversion
for the PC & Apple Macintosh**



- The ideal solution for:*
- Caption Overlay
 - Logo Insertion
 - Timing/Score Data Overlay
 - Digital Signage
 - Live Multimedia Production
 - Subtitle Overlay
 - Real-time Special Effects
 - Statistic Overlay
 - On-Screen Displays
 - Highlighting of Video Images
 - Live Data Display
 - Information Display
 - Real-time Video Titling

*Mixing computer graphics with live
video has never been so easy!*



VINE
micros

Superb quality graphic overlay... quickly & easily!

The perfect solution for overlaying computer generated text and graphics onto live or pre-recorded video - it's never been so easy! No driver software, no rendering, no steep learning curve - just plug in and add graphics!



The first of the new CORIOgen range, the CORIOgen Eclipse external genlock overlay adaptor, blends the skilfully crafted, high quality engineering of the CORIO computer to video technology, with superb real-time genlock overlay.

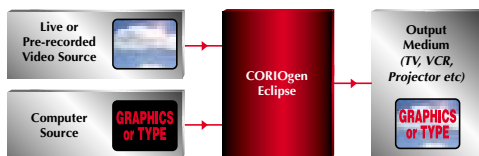
The CORIOgen Eclipse simply connects between your PC, Laptop or Apple Macintosh* monitor output, and any piece of equipment with a Video input such as a television, VCR or Projector. A composite or S-video signal can then be fed from a video camera or other video source into the CORIOgen Eclipse.

Designed with ease of use in mind, the CORIOgen Eclipse is fully remote controlled and includes features such as AutoSet, thus helping in the initial set-up of required settings. It is also possible to display any resolution up to 1600 x 1200 in PAL or NTSC. With additional features such as digital adjustments of Key Level, Keyer Type and Fade Speed, the CORIOgen Eclipse provides an easy to use, cost-effective genlock overlay solution that can be used worldwide.



By its nature, the applications of the CORIOgen Eclipse are almost endless. To name just a few: it can be used to overlay graphics & text for Timing/scoring Systems in sporting and gaming; Security and Surveillance Systems; Live Multimedia events; Point of Sale Systems; Information Display Systems or Kiosks... basically, any application that requires the simultaneous display of graphics and video onto the same output device.

By creating your computer generated content on a dark background, the computer image is instantly superimposed onto the incoming video signal with superb definition.



At no point is the incoming video signal decoded thus ensuring the best possible image quality.

The technology of the CORIOgen Eclipse can be integrated into a vast array of third party AV products. Should your company wish to take advantage of this type of technology or require a bespoke CORIO solution, we have highly skilled engineers who are flexible in their approach and who offer a good level of engineering support. For more details, please contact our Sales Dept.

Features

PC Out, Genlock, Overlay and Mix Modes

Digital Keyer with Variable Hard/Soft Key

Computer Image Fading with Speed Control

4 Line Flicker Reduction Filter

Digital Processing & Filtering

Monitor Loop-through

Infra-red Remote Control

1600 x 1200 max. Resolution

Composite Video, S-Video & RGB Output

Overscan & Underscan

Image AutoSet

2x Zoom & Pan

PAL & NTSC Switchable

Front Panel/Remote Lock-out

Programmable Start-up Settings

Image Freeze

Microsoft® Serial Mouse Emulation via Remote†

RS232 PC Control†

On-screen Display

High Refresh Rate Compatible

Brightness Control

Enhanced Video Circuitry

No Driver Software Required

Professional quality... whatever the application.

The output and overlay quality of CORIOgen Eclipse has to be seen to be believed. These screen shots represent just a small number of scenarios where the CORIOgen Eclipse is the ideal choice for high quality genlock overlay.



Logo Insertion



Captions & Titles



Statistical Data Display



Surveillance Systems



Point of Sale & Info Display



Live Visual Effects

Due to our policy of constant improvement, we reserve the right to alter specifications without notice. E&OE. All Copyrights and Trademarks are acknowledged.

Input Specifications

- PC & Apple Macintosh* compatible.
- Maximum 1600 x 1200.
- Recommended 1024 x 768.
- 24kHz to 100kHz horizontal scan rate.
- Virtually any vertical scan rate accepted - horizontal scan rate is more important.
- Separate TTL-level Hsync & Vsync positive or negative going.
- 24 bit compatible.

Output Signals

- Standard VGA output loops back to monitor.
- PAL & NTSC switchable.
- Composite Video: 1 volt peak-peak on phono socket.
- S-Video: 1 volt peak-peak on 4-pin mini-DIN.
- RGB 0.7v p-p on 15 pin D-type, with switchable positive or negative going composite sync signal.

Genlock/Overlay

- Independently locks to sync & subcarrier.
- Digital sync noise cancellation improves use with VCRs.
- Subcarrier lock range +/- 200Hz NTSC, +/- 250Hz PAL approx.
- Subcarrier phase adjustment +/-12 degrees
- Mixer modes: PC Out, Genlock, Overlay, Mix.
- Built-in fader fades computer image in and out.
- Digital keyer, with adjustable key-level and variable hard/soft-key.
- Variable fade speed - from instant to 2.5 seconds.

Image Scaling & Positioning

- Proprietary scaling method.
- Autoset feature automatically scales computer image.
- Underscan & Overscan settings user-adjustable.
- 2x Zoom & Panning.
- Proprietary 2 or 4 line flicker reduction.

Control of Unit

- Infra-red remote control supplied.
- Control via front-panel push buttons.
- Control using buttons and on-screen display.
- Control via RS232 port.†
- Emulation of Microsoft® Serial Mouse via RS232 port.†

Power Requirements

- Consumes approx. 350mA @ 12v.
- Voltage requirements: minimum 12 volts DC, absolute maximum 16v DC.
- Requires 'centre-pin positive' 2.1mm DC power plug input.
- Reverse polarity protected.
- Internal 1.6A fuse.

Dimensions

- Size: 200mm x 35mm x 100mm
- Weight: 286g

Options

- RS232 cable.
- 12DC (regulated or smoothed) power supply.
- Optional Apple Macintosh cable pack.



* Requires extra lead pack for computers without 15-pin VGA connectors
† Requires optional RS232 cable

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