



High Definition Grading and Mastering for Broadcast and Blu-ray Production

Nucoda HD offers comprehensive mastering and grading for broadcast, Blu-ray disc and all high definition applications including stereoscopic 3D. It combines a creative tool set that will help you realise your most ambitious vision with beautiful, vivid colours and sharp, clean images, with workflow integration with native support for all the major codecs and media servers.

Flexible Workflows; Easy Integration

Our unique plug and play approach to codecs and servers means that you can integrate with Avid ISIS, Avid Unity, Apple XSAN and many other shared storage solutions for immediate access to edited program material.

The time and efficiency improvements are immense with no ingest stage, no duplication of data and rapid non-linear access to all share content instantly. The system is also available with the stand alone color panel for situations when space, portability or budget is an issue. Ingest using an EDL, AAF or cut list, then conform data directly from a SAN, or capture live from video. Support for a wide range of file formats means you can bypass copying and transcoding completely. Comprehensive conforming tools prepare your timeline with cuts, transitions and varispeed commands. Or, use Nucoda HD's powerful automated scene detector to quickly analyse your reels in the background.

Expansive, High-end Colour Tools

Nucoda HD's creative and corrective colour tools combine a traditional approach to grading with the power and flexibility of digital technology. Select the colour tool that suits the task best; from Printer Lights through Colour Curves to Brightness Regions.

With the unlimited multi-layer timeline you can combine capabilities, using different isolation tools to produce complex looks quickly. Achieve dynamic grades and animation of effects parameters, and manipulate and track individual shapes on a transform or per-point basis, to refine that look over the whole shot.

Purpose-Built Control Surface

The Nucoda HD Control surface includes four ergonomic and functional control panels that can be arranged to suit the needs of any colourist. Using a combination of traditional track-balls with rings and high-quality knobs and buttons, operators can move quickly to complete the work in the shortest time possible. Four separate displays give feedback on changes whilst the image is updated immediately. Carefully selected components provide a better feel and a long lifespan.



List Management

With Nucoda HD you can view all the events in a composition as thumbnails, as a contact sheet list view in either source or record order, giving direct access to any track, play head, or event. From here any part of a grade or its dynamics can be copied to the current shot. Notes enable you to save unlimited numbers of these snapshots in folders so that you can assemble libraries of looks and access them in any project. A QuickNotes feature give you direct access for up to eight Notes from the control panel with a single key press.

The DI Suite

You can view, render and exchange Nucoda HD projects in all Digital Vision software applications, releasing the system for further client work. Add a Nucoda Compose preparation workstation or a Turbine render server, sharing the same SAN, and you have a truly collaborative suite. Add our unique Digital Vision Optics (DVO) tools to the assist stations to off-load preparation tasks such as grain management or dust busting.

Features

SD/HD video ingest and layoff supporting batch digitise and layoff direct from timeline/list
Automatic conforming of digitised video and film scans onto timeline
Edit and colour grade material with industry leading toolset
Comprehensive stereoscopic 3D toolset for grading and fixing
Playback of SD, HD, 2k, 4k and 3D material
Effects software includes OFX plug-in support, plus Blur, Convert, Invert, Blend, RGBA over, Composite, Shapes, Log To Linear conversion, and Linear To Log conversion
Pan and scan images ready for re-mastering
Avid Log Exchange (ALE) support and audio conform tools essential for dailies
RED Rocket accelerator card support
Native support for all major digital camera formats including RED and Arri

Options

- Valhall Control Panel – tactile surface for grading and toolset control
- Turbine – distributed background rendering for multiple file creation and delivery
- Spirit Classic Telecine Option - shuttle, adjust grading parameters and capture film directly
- DVO Software options – choose from image restoration, enhancement or format conversion tools

For more information regarding Digital Vision products please contact your local sales office or email: Sales@digitalvision.se or visit our website at www.digitalvision.tv

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