Avid Symphony
Nitris DX

High performance, real-time,
HD-RGB 4:4:4 mastering and finishing

Online sessions require investments in time and money. So, you need the big-time ROI that Symphony™ Nitris® DX delivers. Integrating the Symphony finishing toolset with Avid Nitris DX hardware, Symphony Nitris DX produces all the real-time horsepower you need for high-throughput, high-quality HD and SD finishing. Mac or Windows, Symphony always makes your content, your clients, and you look good.

"Avid has clearly outpaced the competition in format interoperability, power, and stability. With its tight integration with Media Composer, Symphony Nitris DX is clearly the fastest conforming system on the market."

Jess Bushyhead
Television & Film Editor since 1978
Winner of 4 National Emmy® Awards for
Outstanding Individual Achievement in Editing

Fast, Flexible, and Plays Well with Others

From script-based programs to unscripted reality shows, Symphony Nitris DX quickly assembles every show, leveraging the power of Avid® Total Conform, to allow you to concentrate on critical finishing work. Online editors can polish and deliver programs via a variety of HD and SD masters, with advanced color correction and Universal Mastering. And Symphony Nitris DX plays so well with others, it empowers multiple users to simultaneously share footage — and their workload.

Beautiful Images and Smart Storage for Documentary and Feature Films

We've solved the storage issue on long format projects. With Symphony Nitris DX and the Avid DNxHD® format codec encoding, you get high-quality images and low-storage volume with native 24-frame HD editing. Or choose from a variety of native camera formats with complete codec support including native, direct access to XDCAM HD/EX, P2, GFCAM, and RED media.

High-impact Quality for Commercials, Music Videos, Film Trailers, and More

High-quality content and the ability to stay on budget is what keeps Symphony Nitris DX in the hero suite. That and the ability to stay on budget. Now, online editors can concentrate on every layer of every project. Streamlining the post process, Symphony Nitris DX offers color correction, motion tracking, image stabilization, keying, and graphics tools, while Total Conform preserves all offline decisions. Symphony is the perfect system to work in a creative environment where tight deadlines and last-minute changes are the most frequent. And when changes happen, the Symphony system's complete editorial toolset is always there for last-minute tweaks.

Sharing Is Believing — No Editor Is an Island

Maximizing efficiency, the creative process, and revenue potential, Symphony Nitris DX seamlessly connects each editing suite to your entire facility — and beyond — by providing facility-wide collaboration with Avid Unity™ MediaNetwork, Avid Unity™ ISIS® systems, and Total Conform of Media Composer® projects. AMA (Avid Media Access) offers the widest file-based format support. And Avid Production Suite, which includes Avid DVD by Sonic, Avid FX, Boris Continuum Complete, SmartSound Sonicfire Pro, and Sorenson Squeeze, helps you be more productive and creative.

A Worldwide Community Brought to You by a World-class Company

Join the vibrant Avid community. Training and support tailored to your needs and budget will not only get you started, but keep you going, while online and real-world user forums, events, and communities provide feedback, news, and peer-to-peer support.

Quality, Performance, and Value

Symphony Nitris DX I/O hardware for SD and HD, with comprehensive analog and serial digital I/O, plus multi-stream 10-bit Avid DNxHD encode and decode.

New with Symphony Nitris DX Version 5

- HD RGB 4:4:4 support for high-end finishing
  - Includes dual-link I/O support for HD 4:4:4 mastering and capture
- Directly access and edit RED files through AMA, without transcoding (images are scaled down to HD in 4:2:2 or 4:4:4 color space)
- Work natively with QuickTime video formats, including Apple ProRes and H.264
- Work natively with Canon XF footage with the Canon AMA plug-in
- Import AVCHD files directly from cameras and other devices
- Capture to and edit XDCAM HD and DVC PRO HD formats from baseband without additional hardware
- Create high-quality sounds and mixes with support for RTAS audio processing plug-ins
- Access low-res XDCAM proxies for offline work, with full-quality audio
- Import text-based ancillary data and embed it in the video signal with the new "Data Track" and SMPTE 436M support
- Edit video and audio by dragging and dropping elements in the timeline
- Mix and match frame sizes and aspect ratios — in addition to formats, frame rates, and resolutions — in the same timeline
- Get email notifications when your render is complete

Key Features

- Symphony editing and finishing toolset
- High performance, host-based effects pipeline integrated with Avid Nitris DX hardware over PCI Express
- Total Conform of Avid offline projects
- Multi-format open timeline with native, direct access to XDCAM, P2, P2 HD, Canon XF, QuickTime (ProRes 422), DVCPRO HD, GFCAM, and support for HDV, AVCHD, Avid DNxHD and uncompressed 10-bit HD, and HD RGB 4:4:4 (via dual link I/O)
- Capture and edit Avid DNxHD mastering-quality HD at SD bandwidths
- Capture and edit Avid DNxHD 36 for offline HD workflows
- Create offline media files from DI sources (DPX, ARRIRAW) using MetaFuze® software
- High performance rendering with multi-core CPU processing
- Stereoscopic 3D editing support
- Comprehensive editorial toolset with advanced trimming
- Script-based editing with ScriptSync®
- Advanced primary and secondary color correction in 8- and 10-bits, YUV, and HD RGB 4:4:4
- Fluid Stabilizer camera motion tracking
- SpectraMatte™ keying
- FluidMotion™ time-based effects
- Turnkey solution with software, CPU, and full SD and HD I/O hardware-based Avid DNxHD encode and decode
- Solutions for Mac or PC
- Network-based media management
- Shared projects and bins
- Portable user settings
- Avid Unity shared storage support
- Avid Interplay® integration

For more information visit www.avid.com/symphonynitrisdx

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