



NewsCutter Nitris DX

High performance SD and HD broadcast
news editing system



When the stakes are high and you need the best quality with fast turnaround for news, news magazine, and sports programming, the Avid® NewsCutter® Nitris® DX is the intuitive, reliable, and deeply capable editor that delivers. Combining time-saving news features, newsroom integration, and the acclaimed NewsCutter video toolset with Avid Nitris DX hardware, NewsCutter Nitris DX is a remarkably responsive multi-codec, SD/HD turnkey editing solution. The most powerful NewsCutter ever provides unmatched speed, news editing agility, and creative and technical depth and flexibility in single workgroup-connected, dependable system.

Avid NewsCutter Nitris DX

Speed High-performance news-focused editing without compromising creativity

Newsroom integration Tight linkage with newsroom computer systems for a more efficient workflow and improved newscast accuracy.

Open integration Interface and interconnect with third party systems and components, including common and emerging acquisition formats.

Collaborative power Support for the Avid HD News production environment means the smoothest end-to-end workflow in the business - and total workgroup connectivity with access to media anywhere, from anywhere.

Format flexibility Avid Media Access support for XDCAM EX/HD, P2/AVC-Intra, Canon XF, and GFCAM, formats and MXF and QuickTime-wrapped files for the ultimate in fast and easy acquisition to editing workflow.

Nitris DX hardware: performance and connectivity NewsCutter Nitris DX provides you with full facility class connectivity, DNxHD acceleration, and high-performance real-time output for speed and workflow flexibility.

News Editing Done Right

NewsCutter Nitris DX is designed to meet tight deadlines with an array of special news, editing and voiceover tools, native media and metadata support for XDCAM EX/HD, P2, P2 HD/AVC-Intra, DVCPROHD, Canon XF, and GFCAM cards and discs, and integrated media management that helps you stay relaxed and focused on telling the best story. Avid's Open Timeline and Mix and Match real-time transcoding let you simply use material regardless of the format - and concentrate on the editing. When it's crunch time, FrameChase™ editing lets you start editing just seconds after an ingest begins, and editing is fast with time-saving features, keyboard shortcuts, and simple clip drag-and-drop in the timeline. When ready, send completed stories to air with a simple Send to Playback command, or use the included Sorensen Squeeze software to get your story to the Web.

Time Saving Integration

Save valuable time with Avid Media Access (AMA) technology that lets you skip the import step and just start editing from the camera disc or card, with all metadata available. Or, use the deck's shuttle knob to easily control capture into NewsCutter. Keep in sync with the story and the newsroom with an interactive iNEWS® or ENPS session right inside NewsCutter. When you're ready to send to air, a simple drop down option sends the package directly to the Avid AirSpeed® Multi Stream HD/SD server, or to other play out servers to get the story on air in the shortest possible time.

Engineered for Collaboration

Share media, projects, and ideas within your facility or around the world. Avid NewsCutter Nitris DX is a key part of the high-productivity Avid HD News environment with support for end-to-end native format workflows, and transparent collaboration and media sharing. That includes tight integration with the Avid Interplay® video production asset management system for accelerated real-time workflow, and wide-area media access, transcoding and transport tools that let you easily and swiftly find, select and move media, wherever it is and wherever you are.

Complete Editing Software for News



Editorial

- Unmatched news editing and audio voiceover toolset
- Comprehensive NewsCutter video editing toolset
- Multi-format open timeline with native, direct access to XDCAM, P2, P2 HD, Canon XF, QuickTime, DVCPRO HD, GFCAM, and support for HDV, AVCHD, Avid DNxHD® and uncompressed 10-bit HD

Integration

- Avid Media Access direct mounting and editing from camera disc and card media
- QuickRecord deck shuttle knob sequence record control to NewsCutter
- Instant or scheduled recording of incoming material to local or Avid Unity™ shared storage
- FrameChase editing of MXF media upon capture from supported devices
- One click Send to Playback with supported Avid and third party servers
- SMPTE 436-compliant ancillary data support
- GPI triggers

System

Avid NewsCutter Nitris DX is sold as a turnkey solution only.

- HP Z400 workstation
 - Single Quad Core Intel Xeon 3.00 GHz processor
 - 320GB SATA 7200 RPM system drive
 - 6GB system memory
 - Nvidia Quadro FX3800 1GB PCIe graphics card
 - Microsoft Windows Vista Business 64
 - HP FireWire IEEE 1394a 3 Port PCI card
- Avid Nitris DX – High-performance analog and digital I/O interface
 - SD & HD SDI with 16 ch embedded audio
 - Analog component and composite video
 - HDMI monitoring (all rates supported)
 - Digital audio - 8 ch AES, 8 ch ADAT, 2 ch S/PDIF
 - Analog audio - 4 ch XLR, 2 ch TRS
 - LTC, Sync (BB or Tri-level), Word clock out

Collaboration

- Full iNEWS or ENPS session window; interactive iNEWS-editor workflow
- Shared projects and bins
- Avid Unity shared storage support
- Avid Interplay production asset management support and accelerated local and WAN workflow

Effects

- NaturalMatch™ color correction and auto-correct
- Intraframe™ editing with blur, mosaic, and paint
- Extensive family of integrated real-time effects from transitions to 2D and 3D effects, moving mattes, tracking, high quality keys and rampable motion effects
- AVX™ third-party effect plug-ins

What's in the box?

Avid Software

- Avid NewsCutter – SD and HD editing
- Avid Interplay Transfer (standalone version) – Point to point transfertool for Avid media and metadata
- Avid MediaLog™ – logging and metadata management
- Avid EDL Manager – Timecode metadata export in all industry standard formats
- Avid MetaSync® Manager – Avid enhanced objects creation tool for interactive programming
- Avid MetaFuze® – DPX and image file conversion to Avid MXF media file formats

Complete Software Suite

Avid NewsCutter ships with a comprehensive set of productivity boosting tools.

- Avid DVD by Sonic®
- Boris Continuum Complete
- Sorenson Squeeze
- SmartSound SonicFire Pro
- Avid FX

Avid Services, Support, and Training

Avid Broadcast Support, Worldwide Training, and Professional Services help to ensure your facility keeps to the production schedule—and puts the news on the air—every time.

For more information visit www.avid.com/newscutter

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