Avid NewsCutter® Family



The Avid NewsCutter system is the first nonlinear Windows NT®-based editing system designed specifically for news. Built on Avid's intuitive user interface and award-winning system design, the NewsCutter system is used by more broadcast editors than any other nonlinear news editing system. The NewsCutter system eliminates the linear restrictions of tape-based systems and offers unparalleled editing flexibility on an affordable PC platform.

The NewsCutter system is now available in two different models, the NewsCutter Cuts model for stories that require only straight cuts editing capability, such as voice-overs; and the NewsCutter Effects model, for news production requiring effects, such as sophisticated features and packages. Both models can be used with any professional acquisition format, including Betacam, Betacam SP, Betacam SX or DVCPRO. And both systems are available in either a deskside or rackmount configuration to best meet your facility requirements.

The NewsCutter systems' DV-native compression allows loss-less transfer when combined with the DV Tektronix Profile video server and can be integrated into your choice of three different workflow configurations. NewsCutter allows you to edit with more flexibility and speed than tape-based machines.

The Fastest Way to Edit | NewsCutter was designed specifically for the rigorous pace of today's news environment. The "record to timeline" feature allows you to build a story using methods similar to a tape-to-tape system. But that's where the similarity ends. Select your clips and re-arrange them as required — no more shuttling back and forth on tape.

Unsurpassed Flexibility | Customizable workspaces allow each editor to have the right tools for the job at his or her fingertips. And the mappable keyboard allows you to configure your system to optimize your performance. One step keys such as "Top," "Tail," and "Review Edit," allow you to accurately trim shots and quickly view the edit without shuttling.

NewsCutter editors can now refresh a piece for subsequent broadcasts in a fraction of the time it would require in a tape-based suite. Simply open your project file, add your new clips and rearrange your existing material. All with just a few keystrokes, and with no generation loss.

NewsCutter Cuts Model | The NewsCutter Cuts model is an affordable entry point for those requiring straight editing capabilities. The Cuts model provides you all the features found in a two VTR suite, plus all the benefits of a digital nonlinear editing system. The Cuts model also includes slow motion and freeze frame capability, and audio dissolves and audio effects. And an optional effects package allows you to add dissolves, superimposes and titling — if and when you decide you want to add these features to your suite. The NewsCutter Cuts model is fully upgradable to the full functionality of the Effects version should your editing requirements change.

NewsCutter Effects Model | The Avid NewsCutter Effects model provides all the functionality of a tape-based A/B suite, plus advanced features such as traveling mosaic and an integrated Title Tool. The NewsCutter Effects model has real-time dissolves, 32 different wipe patterns and 28 different 2D DVE patterns. Advanced features such as color correction help to improve a shot while features such as picture-in-picture help to increase the users creative ability. These features can help your station create a unique look and feel that separates itself from the competition.

Connectivity Options | The NewsCutter family offers a number of integration strategies. All configurations are scalable and are designed with the needs of broadcast facilities in mind.

Baseband | Integrate your NewsCutters with the Tektronix Profile video server, even in a baseband configuration, and get your stories to air within seconds of their completion with our SimulPlay™ feature. And the new SimulEdit™ feature allows multiple NewsCutter editors to begin working with media after only seconds of it being recorded on an ingest Profile. And it all fits within your facility's existing infrastructure.

Fibre Channel | Avid and Tektronix can provide a DV-native, high speed Fibre Channel connection between ingest, edit and playback that provides loss-less transfers at faster than real-time, with playback able to begin within five seconds of the story being sent.

Shared Storage | As a third option for connectivity, multiple NewsCutters can be integrated in a Shared Storage workgroup, allowing sharing of media assets from a central storage location between NewsCutter users. Using this system, multiple users can access the same material concurrently, with no time spent on file transfers. Stories are sent by fibre channel transfer to the Profile video server, while the NewsCutter is free to continue editing.

Support + Training | Avid offers world-class, 24-hour support, as well as professional training courses. For more information call 800 949 2843 today.

Avid®

tools for storytellers™

Avid NewsCutter Family

Formats
- DVCPRO native format
- Compatible with BetaCam and other format decks
- 525 line (NTSC) and 625 line (PAL) formats

Recording
- Record direct to timeline
- Sub-clip during record
- Audio monitoring
- Component and composite I/O available
- Serial digital I/O optional
- Support for timecoded and non-time coded input
- Continuous timecode display
- Serial deck control
- Internal waveform monitor and vectorscope
- Material log for batch recording

Bins + Project Management
- User friendly Project/bin file structure
- Multi-level find, sift and sort
- Frame, script and text views
- Unlimited number of bins
- Media consolidate feature
- Customize and save bin views
- Unlimited clip annotation length
- Ability to lock items in a bin
- Project window folders

Editing Features (All Models)
- Customizable user workspace settings, including record, edit, effects, audio
- Customizable keyboard mapping
- Customizable interface settings
- "One step" keys for editing speed - Top, Tail, Review Edit
- Trim mode editing
- Storyboarding
- Splice, overwrite, extract, lift and split edits
- 32 levels of undo/redo
- Voiceover
- Match frame
- Scrollable, scalable timeline
- Motion effects including slow, fast, strobe, freeze-frame, reverse, and fit-to-fill

Digital Video Effects (Effects Model Only)
- 2 video tracks
- Integrated titling tool (Real-time)*
- Real-time dissolves*
- Real-time Superimpose*
- Industry standard wipes with borders and soft edges, including horizontal, vertical and box
- Peels, pushes, spins, matrix wipes, shade wipes, sawtooth wipes and diagonal wipes
- Resizes, flips and flops
- Conceals, L-conceals and squeezes
- Matte key
- Picture in picture
- Color effects
- Traveling Mosaic
- Dip to color
- Fade to/from color
- Unlimited keyframing

Audio Features (All Models)
- 2 channel I/O of 48kHz audio locked to video
- 4 audio tracks for mixing and editing
- Direct digital input or output (S/PDIF); AES/EBU
- Audio scrub
- Real-time, 3 band EQ with ride and remember
- Real-time dynamic level adjustment
- Track/global pan settings
- Level settings with gain
- Waveform display in the timeline
- Single track crossfades
- Mixdown
- External Fader Support via Midi
- Microphone input to system

Import / Export
- Digital cut to external device (tape or Tektronix Profile)
- Fibre channel import/export to Profile
- Directly import/convert many different types of files with Image Independence technology
- Additional deck settings
- OMF 2.0 support
- Import/export anti-aliased PICTs, PICT sequences, QuickTime and OMF interchange files

System Integration
- VTR play emulation
- Support of GPI triggers to control operations remotely
- Communicates with Tektronix Profile Series playback server systems via baseband or fibre channel network with SimulPlay and SimulEdit

System includes
- Deskside or Rack mount Intel Pentium II processor computer with 128 MB RAM, internal hard drive, CD ROM and floppy disk drives
- Keyboard with color coded keycaps and mouse
- Ethernet compatible 10/100 baseT Network
- VGA Video Board
- Video I/O Boardset
- Microsoft Windows NT 4.0 Operating System
- NewsCutter Application Software
- Meridian I/O Broadcast breakout box
- One 17-inch color high resolution User Interface monitor
- 90 day software warranty
- One-year hardware warranty
- Documentation including on-line Help

System Options
- Upgrade to 21-inch color high resolution monitor
- Speakers or Amplifier/Speaker package
- Serial Digital I/O Option
- RS 232 — 422 Converter (for control of a second device)
- Fibre channel network interface card and integrated transfer software

Storage Options
- iS9 or iS9 Pro MediaDock shuttle and MediaDrive
- iS18 or iS18 Pro MediaDock shuttle and MediaDrive
- rS9 Plus or rS18 Plus MediaDrives

*Available in Effects Option Package for Cuts Model

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