



THE AFFORDABLE COMPONENT VIDEO EDITING SOLUTION.

Professional Quality Digital Video and Audio Editing Solution.

The miroVIDEO DC50 is a professional non-linear video and audio editing solution for Windows® NT and Windows® 95/98. State-of-the-art technology enables broadcast quality production at an affordable price.

miroVIDEO DC50 includes a professional breakout box that supports high quality video and audio connection to professional equipment such as Betacam® decks and other component video sources. It provides input and output connections to Component, Composite, and S-Video sources, as well as providing balanced and unbalanced audio I/O. The miroVIDEO DC50 also provides genlock input and output, for easy integration into any production environment.

miroVIDEO DC50 includes miroINSTANT Video™, which overcomes the 2 GB AVI file size limitation. This provides high-speed preview functions as well as accelerated rendering.

miroVIDEO DC50 features:

- Component (Y, R-Y, B-Y), S-Video (Y/C) and Composite I/O connections
- Balanced (XLR) and unbalanced audio input and output
- Rack-mountable breakout box with professional I/O connections
- Data rate up to 7 MB/second
- Full field and frame resolutions: 720x576 PAL and 720x486 NTSC
- Selectable compression ratio from 3 :1 (PAL) of 2.5 : 1 (NTSC) up to 20 :1
- Hardware accelerated rendering
- miroINSTANT Video™ overcomes 2 GB AVI file size limitation
- Multiple file playback
- Genlock input and output for synchronization to house sync
- Integrated audio processor to ensure lip-sync sound editing in CD quality
- Audio sampling up to 48 kHz for CD quality audio
- VGA overlay for preview on VGA monitor
- Includes Adobe® Premiere® video editing software
- Compatible with Adobe AfterEffects®, Kinetix® 3D Studio Max®, and Newtek® Lightwave 3D®
- Compatible with Windows® NT, Windows® 95, Windows® 98

miroINSTANT Video™.

miroINSTANT Video™ is a software feature that increases productivity when editing. Once you have completed your production, it is simple and fast to output directly to tape from the Adobe Premiere Construction Window. You don't have to wait for Premiere to re-render your video - it only renders those sections of your production that have special effects. This speeds up output time significantly. When rendering and playing your final production, miroINSTANT Video™ overcomes file size limitations, allowing you to output your entire production directly onto video tape - in one pass.

DC50

miroVIDEO



Professional I/O breakout box.



The DC50 adds the power you need to capture, edit and quickly output your video productions.

SYSTEM REQUIREMENTS: PC system

- 133 MHz Pentium® or faster compatible processor
- 32-bit PCI 2.1 bus mastering slot
- 32 MB RAM (64MB recommended)
- 500 MB free hard disk space for application software and system
- UW SCSI hard drive for video files
- 16-bit graphics board with DirectDraw support for video overlay function
- CD-ROM drive
- Windows® NT, Windows® 95 or Windows® 98

SOFTWARE:

- Adobe® Premiere 5.1 Fullversion
- Adobe® After Effects 4.0
- TitleDeko™
- Pixelan Software Video SpiceRack
- Pipeline Digital ProVTR

NEW! Hollywood-quality titles with TitleDeko™

Bring Hollywood-quality graphics to your video productions with TitleDeko. TitleDeko is based on Pinnacle Systems' award winning high-end broadcast television technology. Easily add amazing titles that fade up, scroll and blend with graphics. Choose from metallic to neon styles, or use TitleDeko to design your own unique styles.



NEW! Great effects with Video SpiceRack™

Now you can use the power of the Pixelan Software's™ Video SpiceRack images to expand your effects library with over 300 unique gradient images. Produce fresh visuals and one of a kind looks with the power of the Pixelan Software creativity.



Studio Quality Inputs and Outputs.

The miroVIDEO DC50 is equipped with component video and balanced audio connections. This makes the miroVIDEO DC50 the perfect solution for all your production needs. It sets a new standard in price performance.

Compatibility with virtually any application.

The miroVIDEO DC50 is designed to support applications beyond just video editing. Use it with Adobe AfterEffects for a superior compositing and layering solution. For spectacular 3D animations, 3D Studio Max and Lightwave 3D combined with the miroVIDEO DC50 provide a cost-effective, professional solution for recording computer generated animations directly to video tape.

SPECIFICATIONS

Hardware:

PCI-Board
Professional Breakout Box with Video and Audio I/O

Data rate:

Up to 7 MB per second (sustained)

Compression:

M-JPEG with adjustable ratios of 3 : 1 (PAL) or 2.5 : 1 (NTSC) up to 20 : 1 at full resolution.

Frame rate:

25 Frames 50 Fields per second PAL
30 Frames 60 Fields per second NTSC

Digitizing and playback:

720 x 576 PAL, 720 x 486 NTSC
YUV 4 : 2 : 2 format

Video inputs:

Component (Y, R-Y, B-Y) BNC
S-Video (Y/C)
Composite BNC

Video outputs:

Component (Y, R-Y, B-Y) BNC
S-Video (Y/C)
Composite BNC

Video standards:

PAL, NTSC, SECAM (input only)

Audio input/output:

Balanced: Stereo XLR connectors
Line: Stereo RCA connectors

Audio signal:

Level adjustable; frequency response +0dB, -0.6dB, 20Hz - 20kHz bandwidth

Audio recording and playback:

Real-time directly from/to the hard disk in full CD stereo audio quality. 44.1 kHz or 48 kHz, 16 Bit, Stereo

Adjustable parameters:

Brightness, contrast, saturation, hue, sharpness, video filter,

compression ratio, hard disk rate

Extended settings:

Luma and chroma level, synchronization, video filters

Hardware accelerated rendering:

Fast decompression/compression hardware CODEC with fast bit manipulation

Video overlay:

Video Overlay chip for SVGA preview

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