

# DVRex-M1

DV Audio & Video Editing

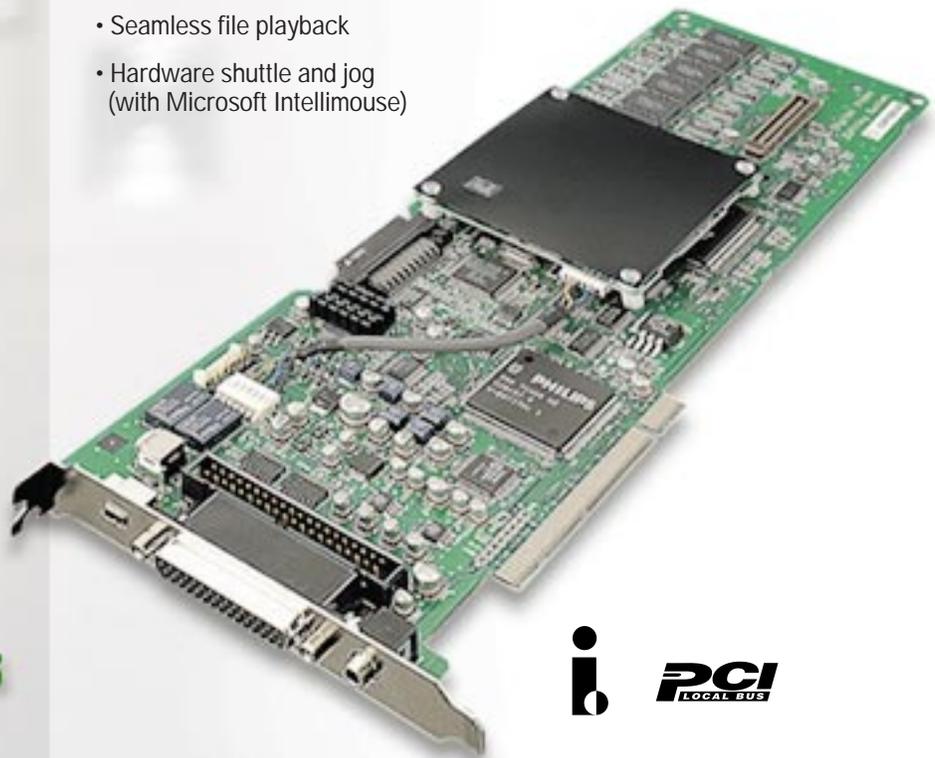
## The complete DV digital video editing system

The DVRex M1 is the first DV software and hardware editing product tailored to give the digital video producer a more complete video and audio editing solution. With the DVRex editing system high quality DV video can be combined with multi-channel audio in creating a new dimension of digital video production.

With RexEdit software the video editor can control the DV camera or deck, batch capture video and audio, add new audio tracks, scrub in real-time and cut down the amount of time needed to direct a digital production. DV editing has never been so easy and so flexible!

### Key Features:

- Sony DV-BK1 hardware DV CODEC
- Multi-channel DV audio support (no rendering)
- "DV DOCK" internal or external breakout box
- High quality, real-time, full-screen preview
- DV batch capture
- Seamless file playback
- Hardware shuttle and jog (with Microsoft Intellimouse)
- Integrated IEEE-1394 with frame accurate camera control
- Real-time audio and video scrubbing
- Digital audio support with M2 option
- Component (YUV) video output option



# DVRex-M1

# Specifications

## Input/Output Specifications:

### DV DOCK:

- All I/O connections are through the break-out box
- Fits into 5 1/4" drive bay or can be used externally

### VIDEO

#### Digital:

- 2 x I-link (IEEE-1394 4pin)
- 5:1 DV compression, 3.6MB/s
- CCIR-601

#### Analog:

- 1 x Composite video (RCA)
- 1 x S Video (mini DIN 4 pin)
- 1 x YUV component output\*

### AUDIO

#### Digital:

- 2 x I-link (IEEE-1394 4pin)
- 4 chan. DV 32kHz 16/12 bit, or,
- 2 chan. DV 44.1 kHz 16 bit, or,
- 2 chan. DV 48 kHz 16bit.
- 1 x DAT/CD digital audio\*
- RCA/Optical

#### Analog:

- 2 X Stereo audio up to 48kHz 16 bit
- RCA

## Recommended System Requirements:

- PCI V2.1 Slot
- Pentium 200 MHz MMX or faster
- 32MB RAM
- System hard drive
- AV rated hard drive
- CD-ROM
- Windows 95
- Microsoft Intellimouse
- VGA card with hardware Direct Draw support (available from Canopus)

\*with M2 option

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## Hardware Features:

### • Sony DVBK-1 hardware CODEC

Real-time audio and video capture and output through I-link digital (IEEE-1394) or standard analog connectors.

### • Supports existing analog video systems

Use the DVRex M1 to capture video from your existing SVHS, VHS, Hi8, and 8mm tapes.

### • Analog video controls

During analog capture and output video characteristics can be set manually (brightness, contrast, saturation, etc.)

### • New PCI bridging design

Stable PCI bridging technology ensures high compatibility and flawless operation.

### • Real-time scalable on-screen preview

High quality, scalable video window displays video during capture, editing and output.

### • High speed F/X rendering

When effects are incorporated into the production software optimization through MMX and an optimized DV CODEC are used to cut down rendering times up to 25%.

### • Professional Options

Component video and digital audio I/O can be added with the optional DVRex M2 module.

## RexEdit Software Features:

### Manual and Batch Capture

- Capture up to 20 minutes (4GB) into one AVI file.
- Seamlessly capture long DV segments in one pass (greater than 20 minutes)
- Capture audio from single or multiple DV channels if desired
- Frame accurate camera control when defining a batch list of video clips
- When batch capturing camera automatically seeks to clips
- Batch clips can be stored in one or multiple AVI files

### Editing

- Easy to use drag-and-drop interface with audio and video timeline.
- Manually scrub through the timeline using a Microsoft Intellimouse
- Real-time video and audio scrubbing

### Multi-channel Audio Input and Output with Mixing

- Capture and output native DV multi-channel audio.
- Audio is perfectly synced with video during production and output
- Current AVI single channel limitations are overcome with real-time audio mixing.
- Multi-channel audio requires no rendering for real-time adjustment and output.

### Production Output

- Video productions can be output directly from timeline with "SyncRecord"
- Frame accurate camera control during "Record positioning"

### MediaStudio Pro 5.0

- RexEdit works together with MediaStudio for special F/X and titling.
- Output directly from MediaStudio to your DV camera.



The DV Rex M1 breakout box can be used either internally in any 5 1/4" drive bay or externally with the optional external kit.



# canopus