

miroVIDEO DC1

README for version 2.00

This text contains important information for the user of the miroVIDEO DC1 system. If you encounter any problems when working with the DC1, please read the manual and this text.

During installation:

If you have an older version of the miroVIDEO DC1 software installed on your PC, please remove this old software using Control Panel / Drivers before installing the new driver.

Combination with miroMOVIE (pro):

If you use the DC1 in combination with a miroMOVIE (pro) board, and you want to use only the overlay features of the MOVIE, you must either use the MOVIE's other input connector or disconnect the DC1 and MOVIE or activate the DC1's video loopthru by starting Video Capture.

Resolution limits:

When recording video to the harddisk, the maximum resolution is 320x240 with NTSC (384x288 with PAL or SECAM). When you create a DC1-compressed movie using Video Editor or Premiere, you should not exceed this limits, because you wouldn't get any higher video output quality. The DC1 hardware, however, is able to handle up to 590x442 on compression/decompression and up to 288 lines at any width when putting out sequences to video.

Handling 'miroVIDEO DC1 Display':

As soon as the DC1 driver is active, the Display dialog is visible either as an icon or as open dialog box. Whenever the DC1 hardware is in use, for example to display a movie, the dialog box cannot be opened. When the box is open, the hardware is temporarily locked and cannot perform any compression or decompression.

Compression of 8-bit files like 'flics':

When you want to compress 8-bit (256 colors) files for video output with the miroVIDEO DC1 using Microsoft's VidEdit, you have to set 'Video / Video Format' to 24 bit after loading the 8 bit file. Otherwise the DC1 MJPEG driver wouldn't appear in the list of compressors.

Working with Adobe Premiere 1.1:

In Premiere, several settings must be correct to allow for trouble-free work with the miroVIDEO DC1 .

- for capturing video using Premiere's Capture application, 'Capture directly to memory' should be checked and a capture file should be preallocated.
- within Premiere, the Preview Options must be set to Cache Nothing. The preview window size should match the resolution of the digitized clips, other important settings are described in the DC1 manual.

Known bugs with Adobe Premiere 1.1:

- For the setting of the timescale for featuring to 1 minute in Construction View, effects are not represented and can't be modified in this feature.
Workaround: Choose another scale than 1 minute if you want to place it (larger or smaller 1

minute).

Working with Adobe Premiere 4.0 LE:

Adobe Premiere 4.0 LE has the capability to work with presets for a project. These presets contain the settings for the video-codec, the audio samplerate and the videoformat. The miroVIDEO DC1 driverdisk contains two presets.

How to use the presets:

- Exit Adobe Premiere 4.0 LE
- Copy the two files PRST0000.PST and PRST0001.PST into the PLUGINS subdirectory of Premiere (e.g. C:\PREMIERE\PLUGINS)

When Premiere 4.0 LE is started the next time the two presets are available.