

SAI Digital TV1 README for version 1.0

This text contains important information for the user of the SAI Digital TV1 system. If you encounter any problems when working with the TV1, please read the manual and this text.

During installation:

If you have an older version of the SAI Digital TV1 software installed on your PC, please remove this old software using Control Panel / Drivers before installing the new driver.

Resolution limits:

When recording video to the harddisk, the maximum resolution is 320x240 with NTSC (384x288 with PAL or SECAM). When you create a TV1-compressed movie using Video Editor or Premiere, you should not exceed this limits, because you wouldn't get any higher video output quality. The TV1 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 'SAI Digital TV1 Display':

As soon as the TV1 driver is active, the Display dialog is visible either as an icon or as open dialog box. Whenever the TV1 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 SAI Digital TV1 using Microsoft's VidEdit, you have to set 'Video / Video Format' to 24 bit after loading the 8 bit file. Otherwise the TV1 driver wouldn't appear in the list of compressors.

Work with Adobe Premiere:

In Premiere, several settings must be correct to allow for trouble-free work with the SAI Digital TV1.

- 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 TV1 manual.

Well-known bugs with Adobe Premiere:

- the call of the Capture program out of Premiere should be effected only one time. With further calls the bug-information "Can't connect to video driver" appears. Therefore the Capture program should be started specially from the Program Manager; shifting with ALT-TAB is working.
- If two films are put together in the Construction View or are faded over with an effect, the sound of the second film hurries on in advance at simultaneously sound mixture.
Workaround: Audio and Video should be worked separately.
- 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).

Well-known bugs with Ulead Video Studio:

- Video Capture: If after starting the program a TV1-film is loaded and the Playback Modus is active too, the result is a falling out, if you click directly after loading on the TV1-Icon of the TV1-driver.

Help: Either you switch after loading one time to Capture and back to Playback mode or you call up another function; or you use the Video Editor to wear out.

- Video Capture: Shifting from PAL to NTSC or vice versa the window size is not adjusted automatically, the picture might be shown cutted into pieces. Confirm the picturesize in Videoform-Dialog.