

Capturing Digital Video for Use with TimeCoder Pro v5.2

Using Microsoft DV-AVI video with TimeCoder Pro enables you to:

- Synchronize directly from Microsoft DV-AVI format.
- Use Microsoft DV-AVI files as multimedia assets for DepoView DVD Creator
- Preserve the high quality of the original mini-DV video when authoring DepoView DVDs.
- Use the DepoView DVD Creator as your MPEG-2 encoder
- Eliminate the need to encode your raw DV-AVI content to MPEG-2 prior to synchronization. This will ultimately help save you time and money in your video production process.
- Eliminate the need to purchase expensive MPEG-2 hardware encoding solutions.
- Achieve greater efficiency in your encoding process. The DepoView DVD Creator transcodes the DV-AVI assets to DVD-Compliant MPEG-2 video, which is usually faster than (realtime) hardware encoding.

The following software products have been confirmed to create Microsoft DV-AVI files that can be used with TimeCoder Pro v5.2 and the DepoView DVD Creator:

- **Adobe Premiere Pro CS3** (Windows and Mac) – produces DV-AVI content fully compliant with TimeCoder Pro v5.2
- **Microsoft Movie Maker** (version 2.1 or higher) – requires export (publish) to DV-AVI (NTSC) format prior to adding to TimeCoder Pro. The content directly captured by Microsoft Movie maker is not compliant until exported to DV-AVI format.
- **WinDV** (Free: <http://windv.mourek.cz/>) – requires running *WinDV Config* to set the capture format to *Type-2 AVI* and the *Max AVI size* to at least 108000 to ensure that at least 1 hour of content (i.e. each tape recorded at SP setting) will only consume a single file. If the setting is left at the default, a new DV-AVI file is created about every 12 minutes. With this change, a single DV-AVI file should be created for each physical mini-DV tape.

Best Practices

- Raw DV-AVI video footage consumes about 16 GB of hard disk space for every 1 hour of content. Therefore, we recommend you use large external hard drives (500 GB+) to store this type of content. Large hard drives are inexpensive (\$200-\$300).
- Make sure to format the hard drive to be used for storage of DV-AVI content as NTFS. If the hard drive is formatted as FAT32, each file has a limit of 4GB (about 18 minutes) of DV footage. NTFS formatting does not limit file size.
- If you are using WinDV to capture DV content, make sure to run the *WinDV Config* to confirm that the capture format is set