

## How to prepare a film file for the upload

### Technical Specifications

- *Accepted formats:* .mp[e]g / .vob / .avi / .mov / .mp4 (m4v)
- *Recommended codecs:* MJPEG, Apple ProRes, H264 (bitrate if possible) > 2MBit/s and uncompressed (very large file)
- *Resolution:* PAL and NTSC (as well as SECAM) from 720x400px up to HD material of 1920x1080px
- *Audio:* 48kHz sound PCM (only uncompressed) / MP3 / AAC (if possible > 160 kBit/s)

### **Please note in addition:**

- we only accept multiplexed files (audio and video in one file). We also recommend to upload only progressive or de-interlaced footage. Uploading interlaced footage will result in bad quality of your processed file.
- Make sure that your film has no color bar or any blackness before the film starts and right after it ends.
- **UPLOAD:** There is a maximum file size of 5 GB for each film. Java must be installed. [Click here](#) to download it.

### Short cuts to following chapters:

[Upload a DVD or adjust your video file for the upload](#) - adjust length or interlacing material

[Export from Final Cut Pro](#)

[Export from AVID](#)

[Further helpful tools](#)

### **More Details:**

However, you yield the best results with the h264 video codec as this is currently the codec that reduces the file size the most while remaining the best picture quality possible.

If you know how to deal with compression settings you can also upload 1920x1080 px movies with a data rate up to 30 Mbit, just remember the final file size shall not exceed 5 Gbyte.

If you want to learn more about compression start here:

<http://www.lilfolksproductions.com/lrevGuide.pdf> (little bit outdated, but still a good read)

Or get in to the details here: <http://library.creativecow.net/tutorials/compressiontechniques>

and here: <http://en.wikipedia.org/wiki/H264>

## [How to prepare a DVD or adjust a film file with handbrake](#)

A DVD holds a bunch of files (.VOB, .IFO and so on) inside the VIDEO\_TS folder on every DVD. You need to convert this bunch of files into a single file containing Audio and Video as well as subtitles.

The following tutorial describes how to do it with HandBrake. **Handbrake** is a little tool to convert videos in different formats. It is fast, available for all platforms and: it's free!

**You can get it here:**

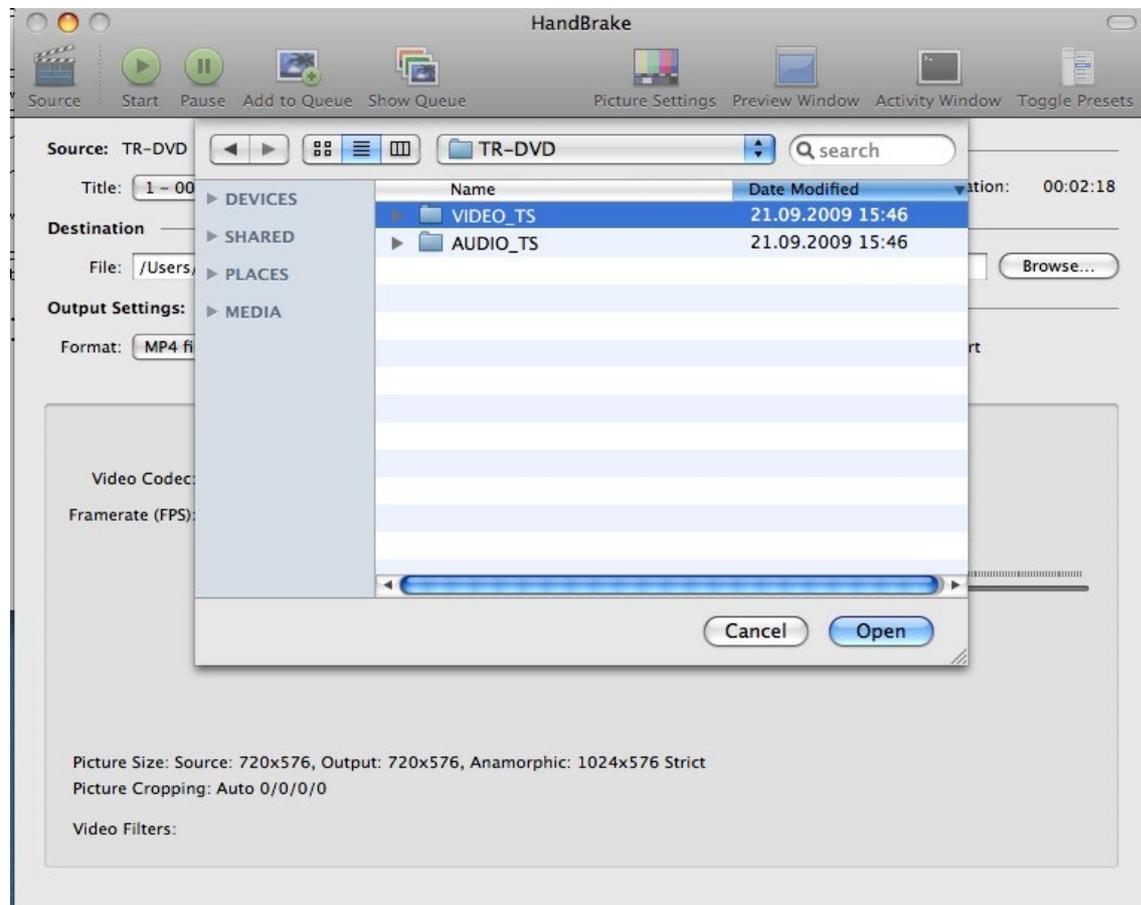
<http://handbrake.fr>

You can also use our handbrake profiles for regular and deinterlace encoding by importing them into your handbrake tool. HANDBRAKE > PRESETS > IMPORT

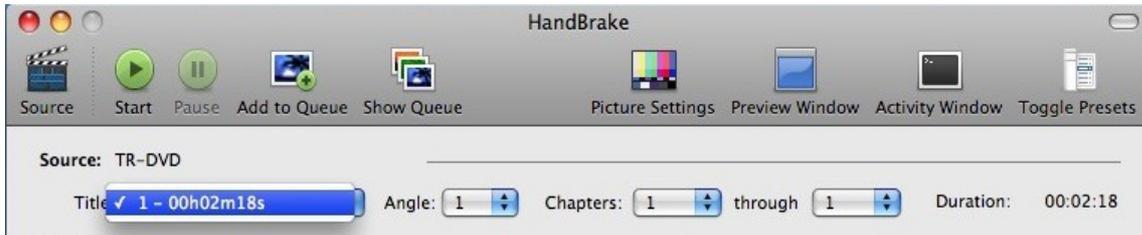
[Download handbrake regular encoding profile](#)

[Download handbrake deinterlacing encoding profile](#)

Select your VIDEO\_TS folder as source.



Select the title of your DVD that you want to convert (Say, if you have 3 videos on your DVD and want to convert the 2nd, then choose this particular 2nd movie here).



Leave the chapter marking as "from 1 to 1" as this takes the whole movie, not only a part marked by these chapter marks.

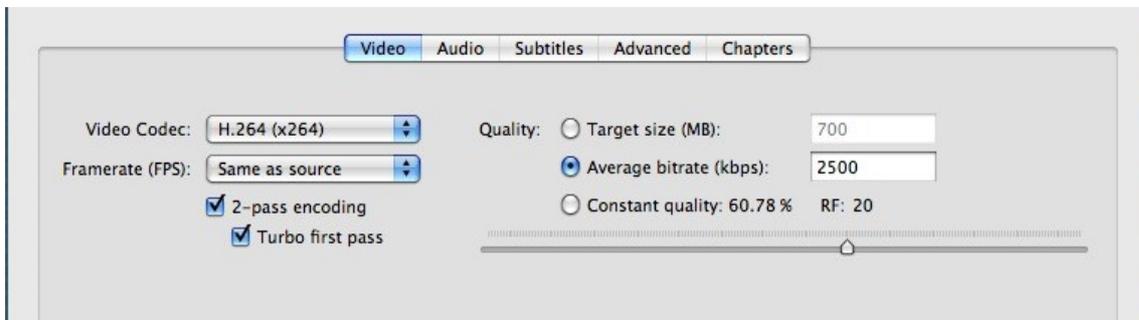
**Trim your video file (prepare your film file without any seconds of blackness or color bar before)**



Select 'Seconds' or 'Frames' in the tab 'Chapters'. Next to it will then appear two fields. Enter the amount of frames or seconds you want to trim at the beginning or end of your film. Note: Your video will appear after encoding without that parts.

**Use the following settings for VIDEO:**

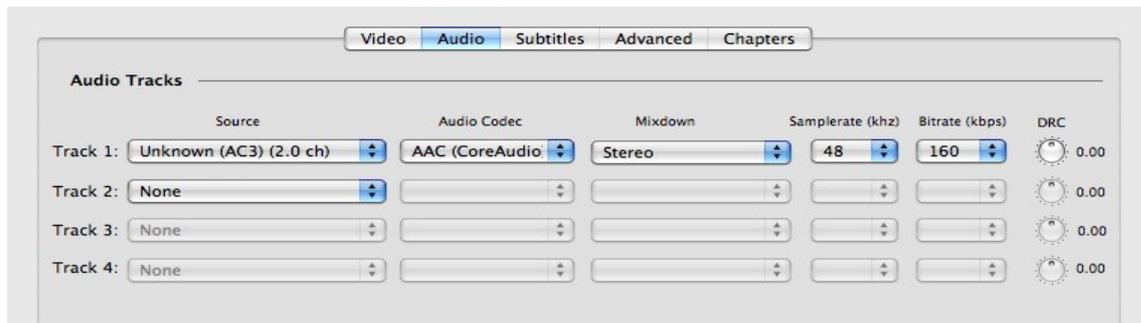
File Format MP4 file



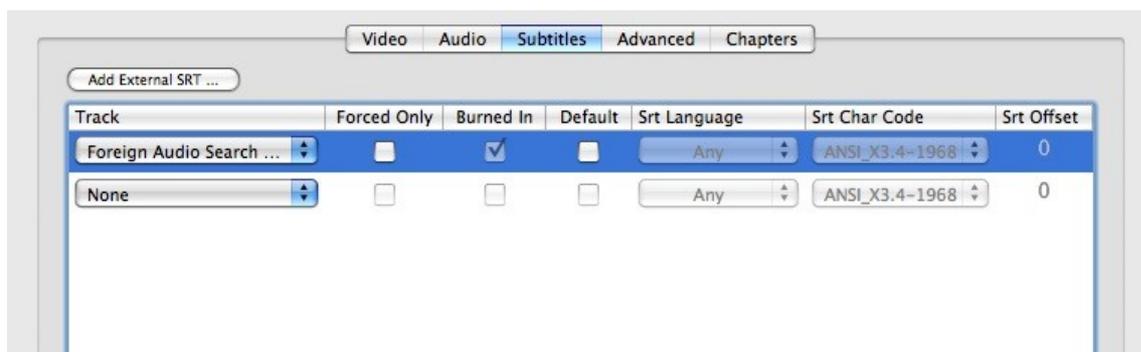
- Video Codec H.264
- Frame rate: Same as source
- Select 2-pass encoding and Turbo first pass if available
- Quality: Average Bitrate (kbps) 2500 (maybe you have to lower this rate to 1500 if the final size of your movie exceeds our 5 GByte limit)

**Use the following settings for AUDIO:**

- select the suitable Audio track (only take care on this if you have more than one language track on your DVD)
- leave the remaining audio settings as they are preselected (AAC, Stereo, 48khz, 160 kbps)



**Use the following settings for SUBTITLES:**



- select the subtitle track you want to rip
- mark 'Burned In'

**Use the following settings for ADVANCED:**

- leave it as preset

**Use the following settings for CHAPTERS:**

- leave it as preset

**Use the following settings for PICTURE SETTINGS:**

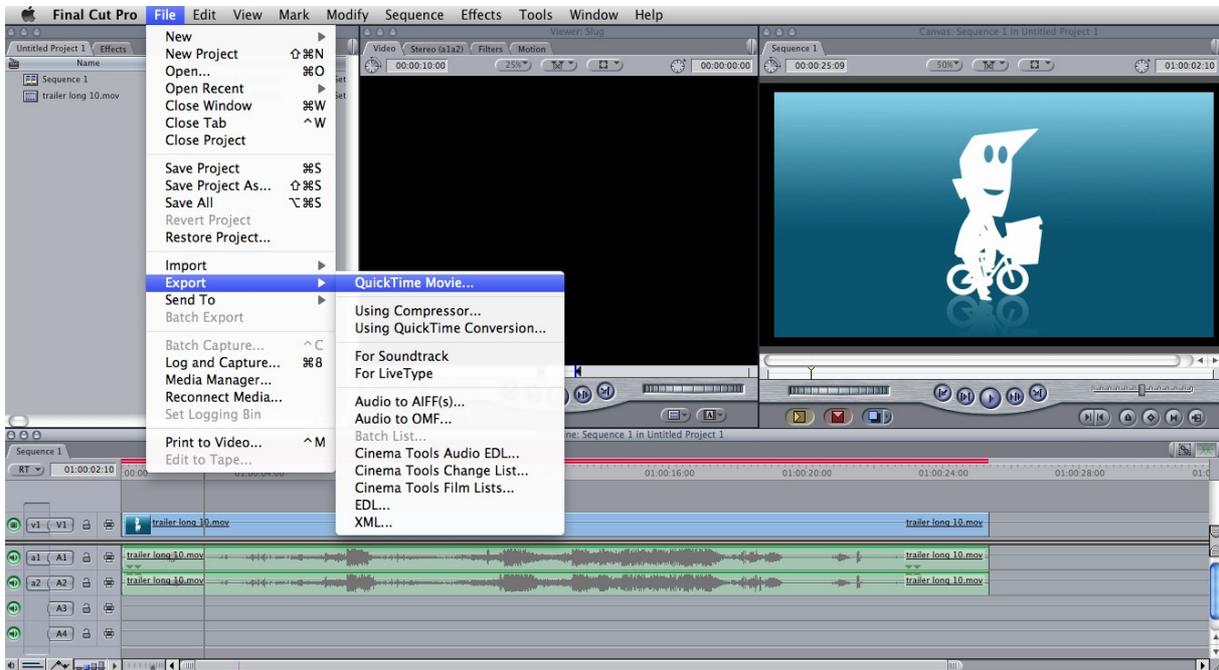
- If you have an anamorphic movie then set the Anamorphic selector to "Loose" and keep everything else as preset.

- If you have **interlaced footage** select deinterlace 'slow' in the filter options

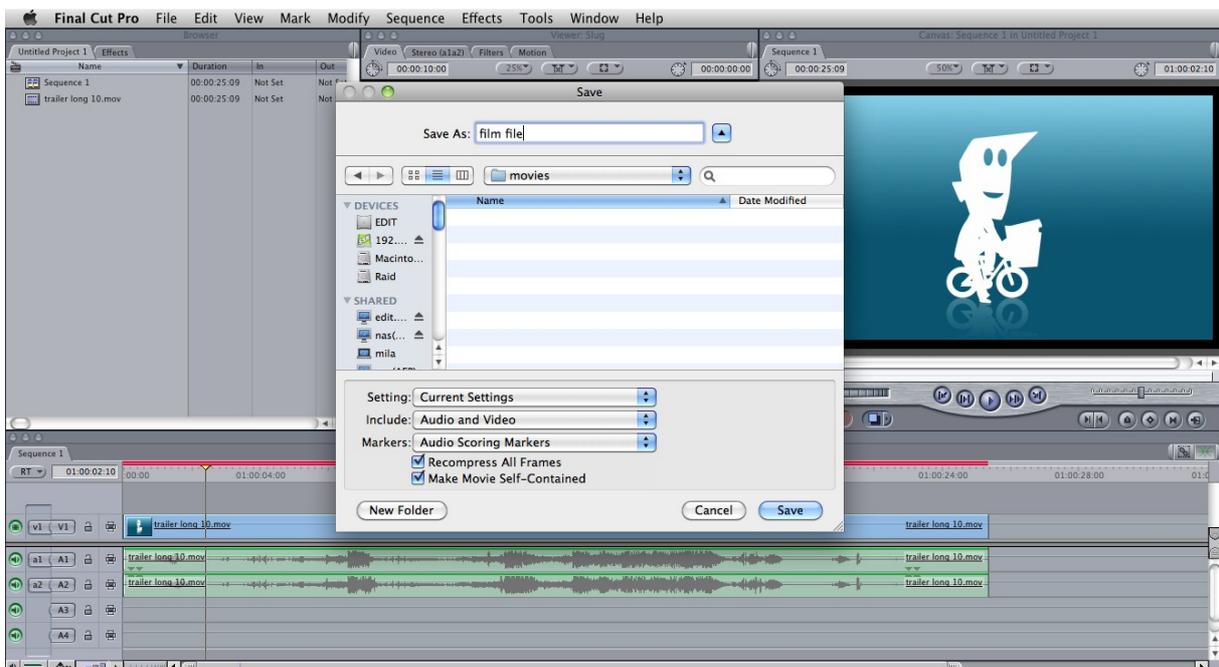
**Now click on 'Start' to start the encoding process.**

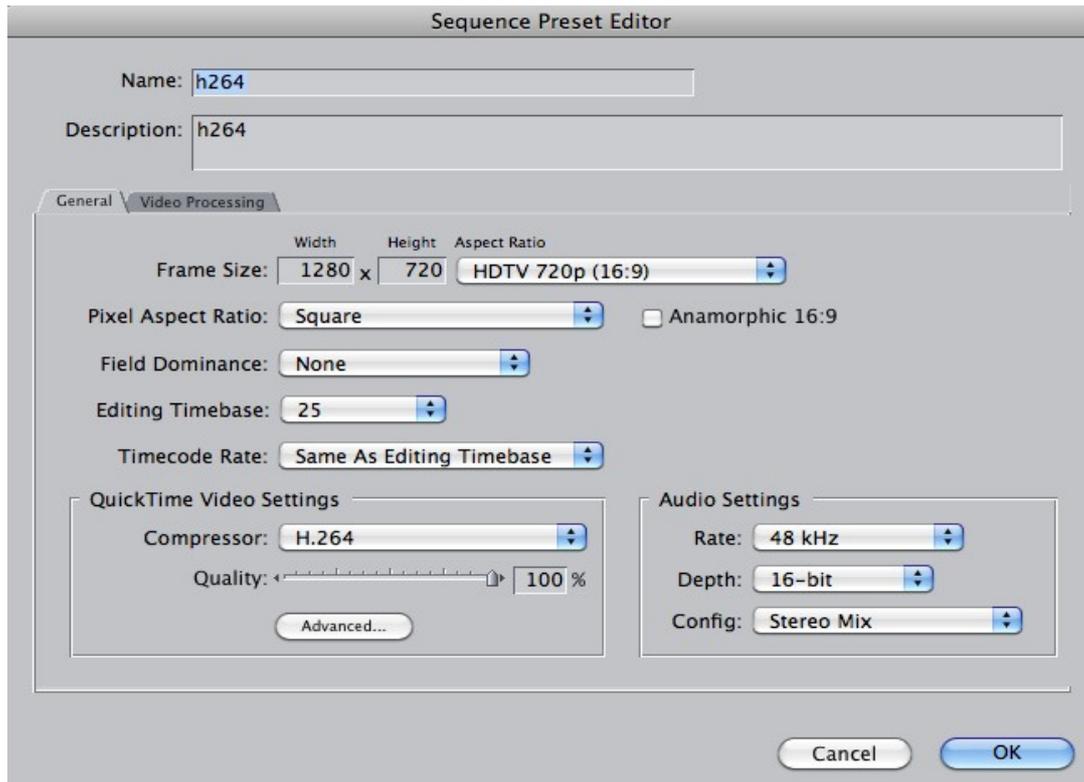
## How to work in Final Cut Pro:

To export your movies from Final Cut Pro:



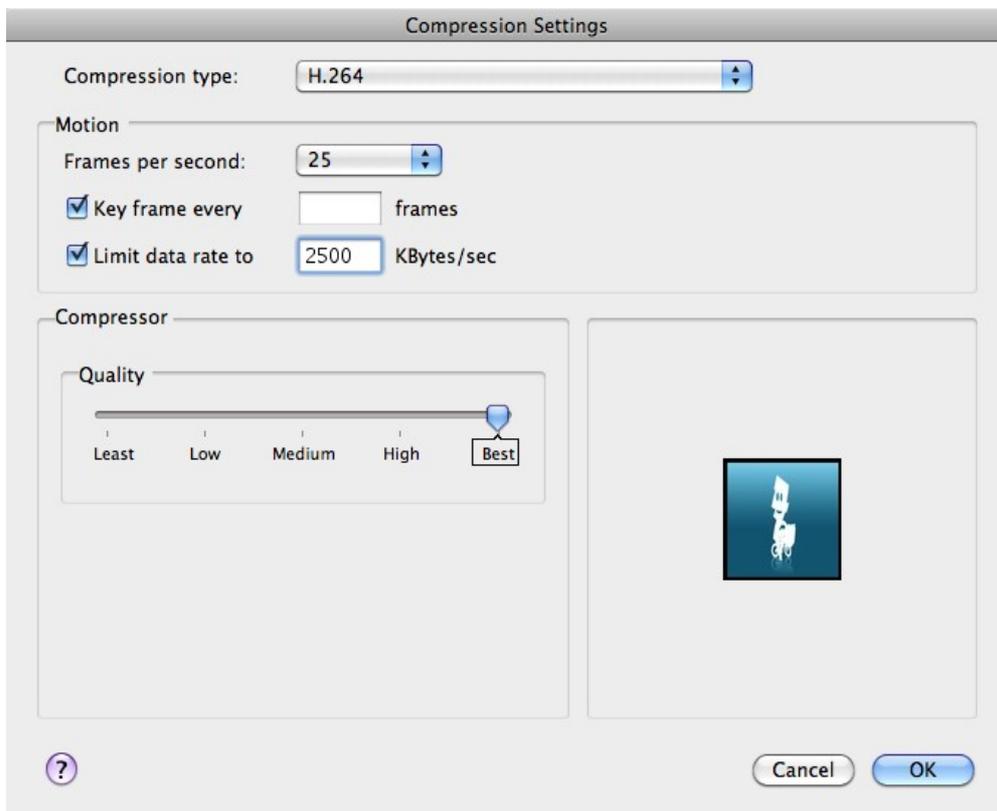
Export your Sequence as Quicktime movie with the following (custom) settings:





- remember to choose the right pixel amount 16:9->1280x720, 4:3->768x576
- choose quadratic pixel aspect
- no fields
- your native sequence time base (24, 25, or 29,97 according to your project footage)
- timecode base same as working time base
- Compressor/ Codec: h264;

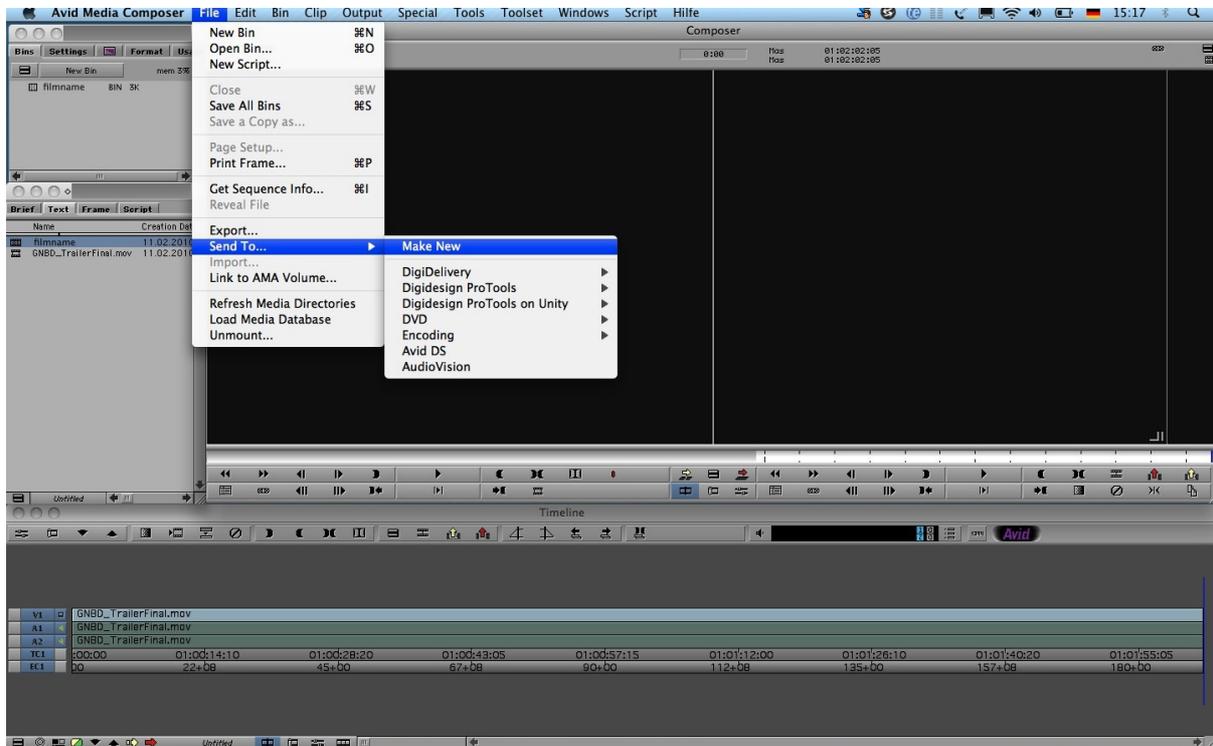
Click on 'Advanced' options and set the data rate to max 2.500 KBit / sec



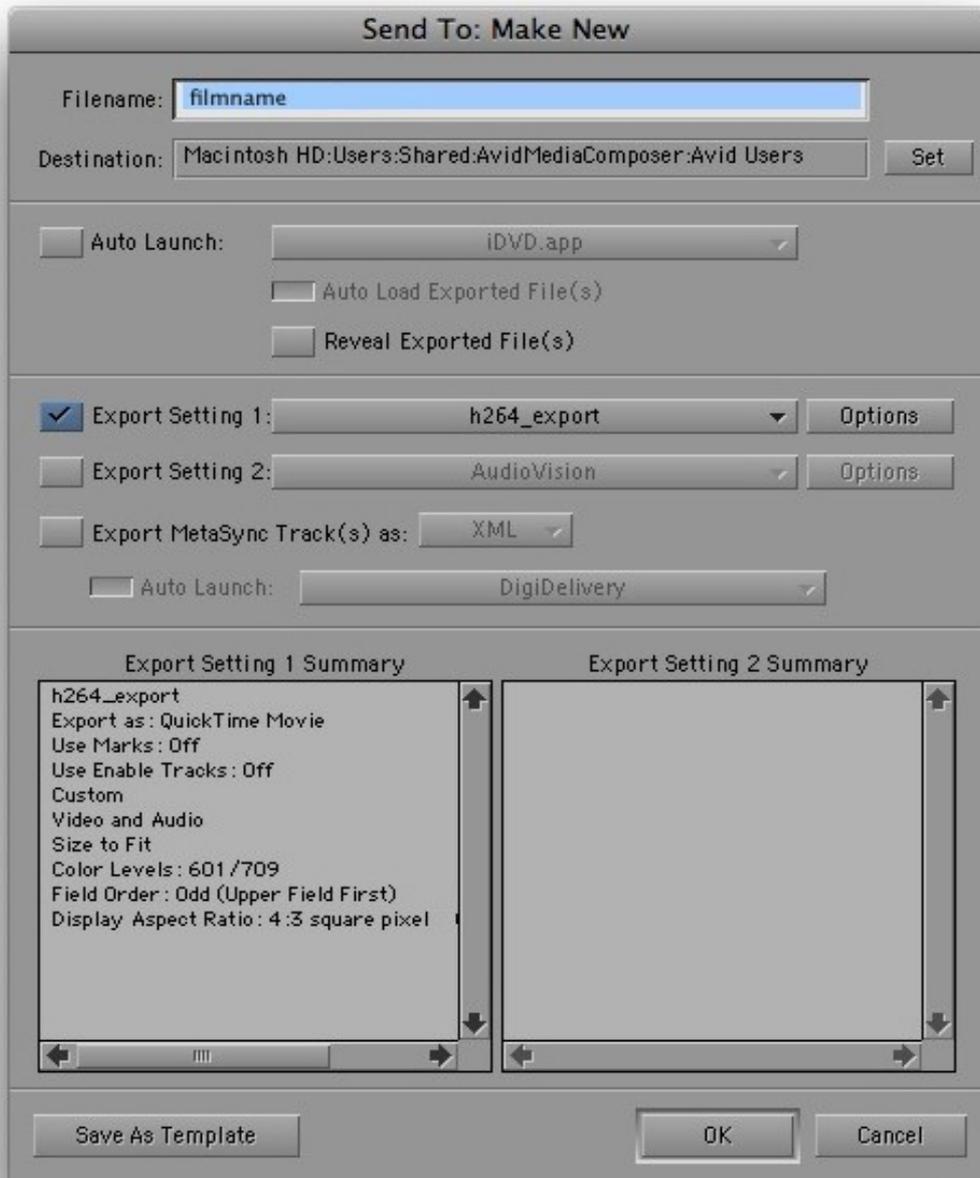
- Audio shall be 48 or 44 khz /16 bit stereo

## How to export your movies from AVID:

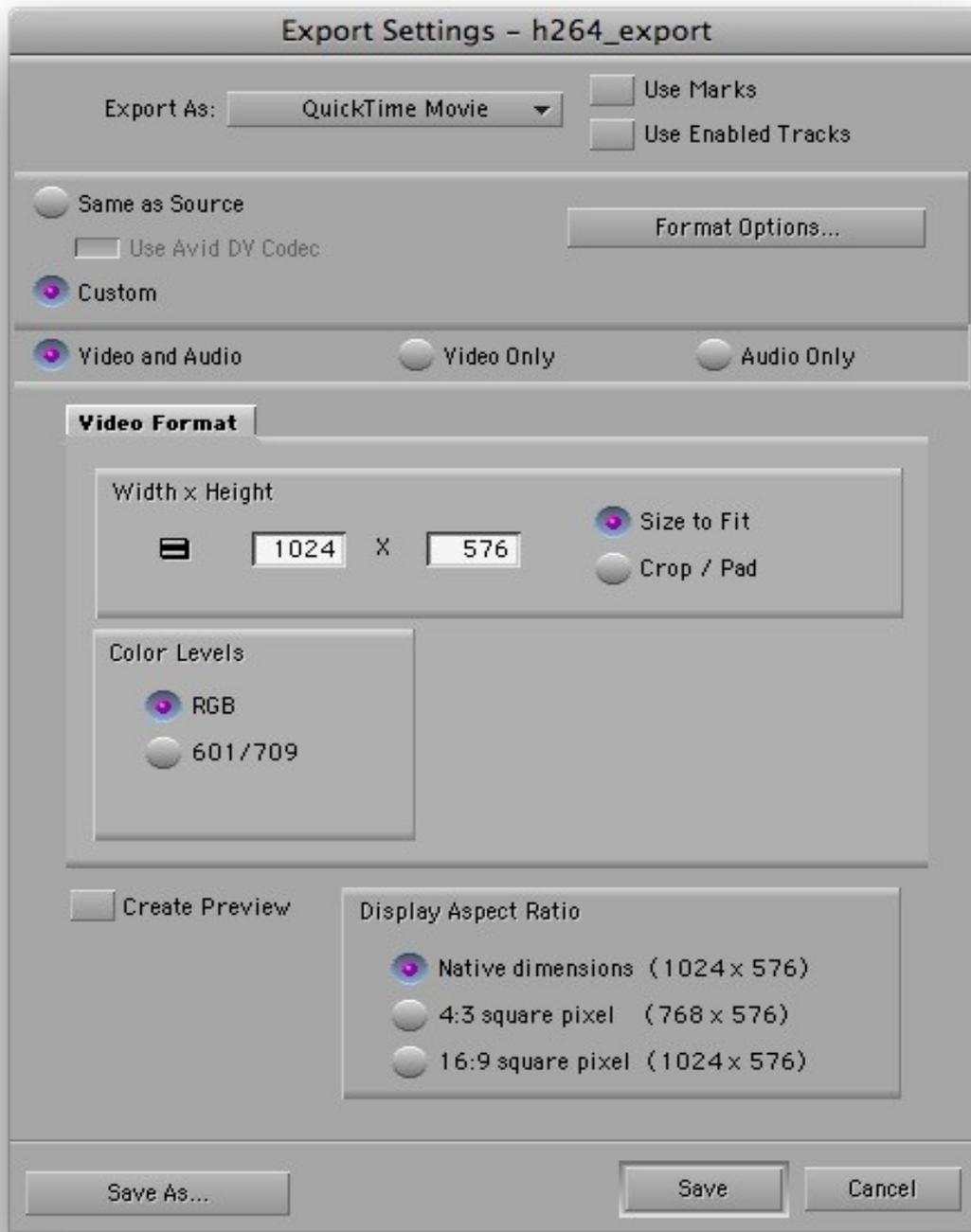
Go to "File/ Send to/ Make new"



and create / use the following settings:

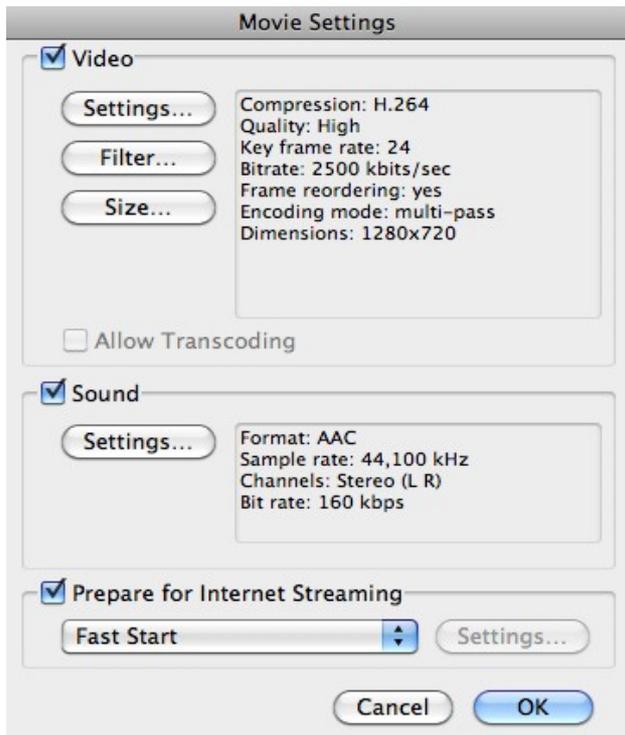


Export setting 1: Send to QT Movie; go to Options

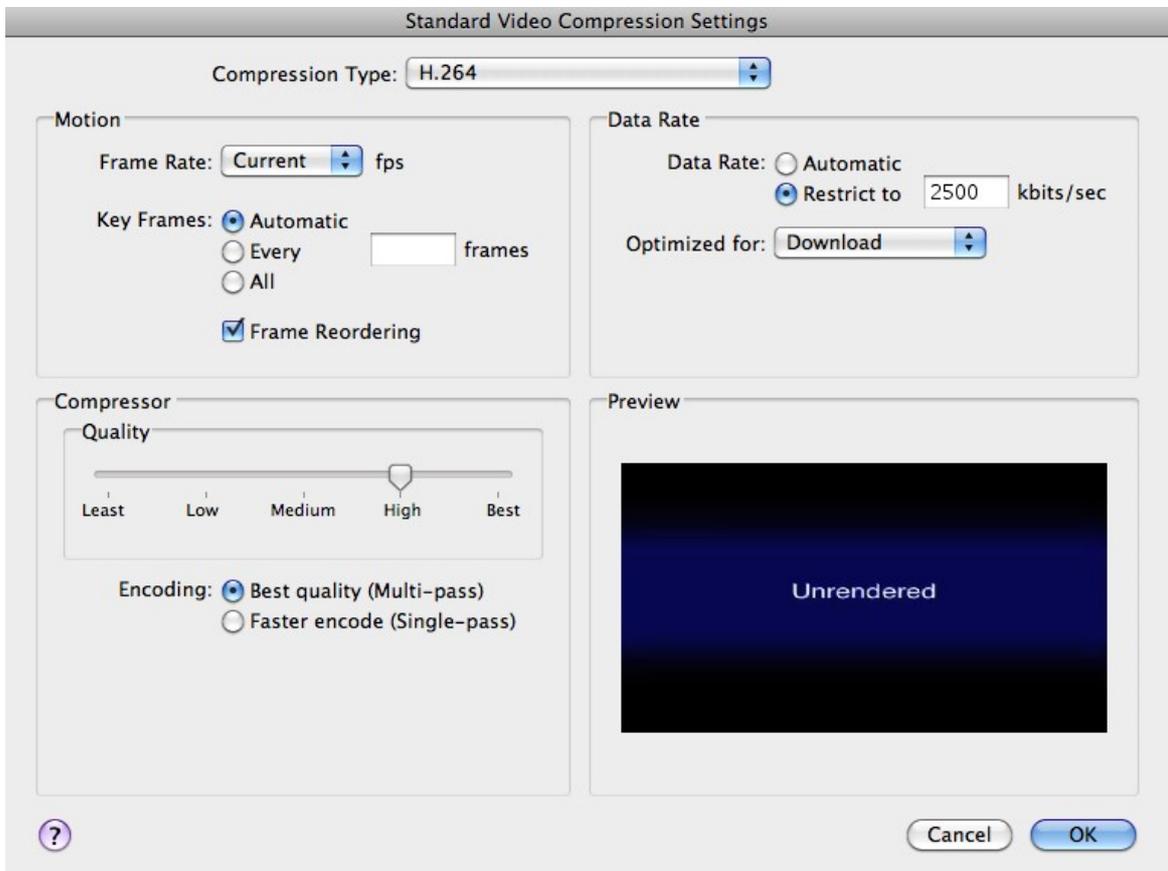


- Export as Quicktime Movie
- Use "Size to Fit"
- adapt Width & Height according to your movie settings
- Choose RGB Color Levels
- Choose Native Dimensions for the Display Aspect Ratio

Go to Format Options - enable Video and Audio:



go to Video compression:

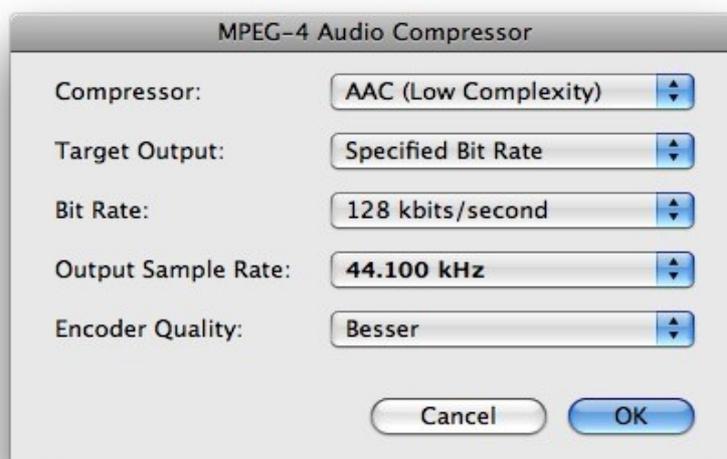


- set the codec to H.264
- choose automatic keyframes
- set the data rate to max 2.500 Kbit per second
- choose "Best quality / multi pass encoding"
- ignore the Quality-slider

Go to Audio Settings and set:



- Compression either none or MPEG-4 Audio
- sample rate 44 or 48 khz
- 16 Bit Stereo
- Options for MPEG-4:



-

AAC (Low Complexity); Target Output: Specified Bit Rate; Bit Rate: 128 kbits per second; Output sample rate 44 or 48 khz; Encoding quality: better

## Further helpful tools: [Link list of some tutorials](#)

[DVDx 4](#) (Windows / Mac / Linux) freeware

Encoding of DVDs and film files.

Special feature: Burn one subtitle track into the film file while encoding.

[VOBMerge](#) (only Windows) freeware

Merge several vob together into one vob file

[D-Vision 3](#) (only Mac) freeware

Encoding software with special features: Deinterlacing, adjust duration and some subtitle settings.