NORDISK PANORAMA

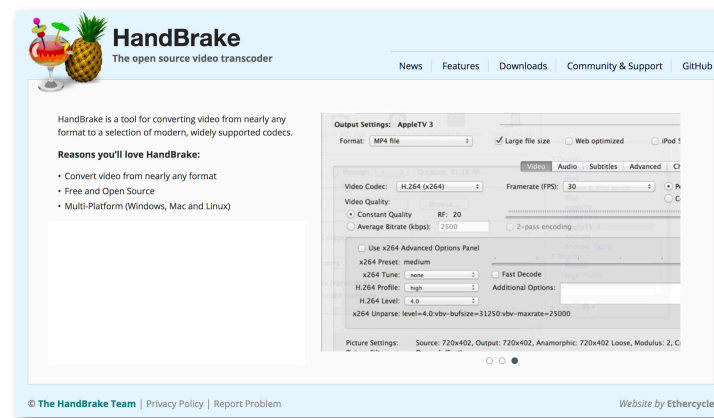# HOW TO

get the right format of your film for the Nordisk Panorama film registration
using the freeware programme
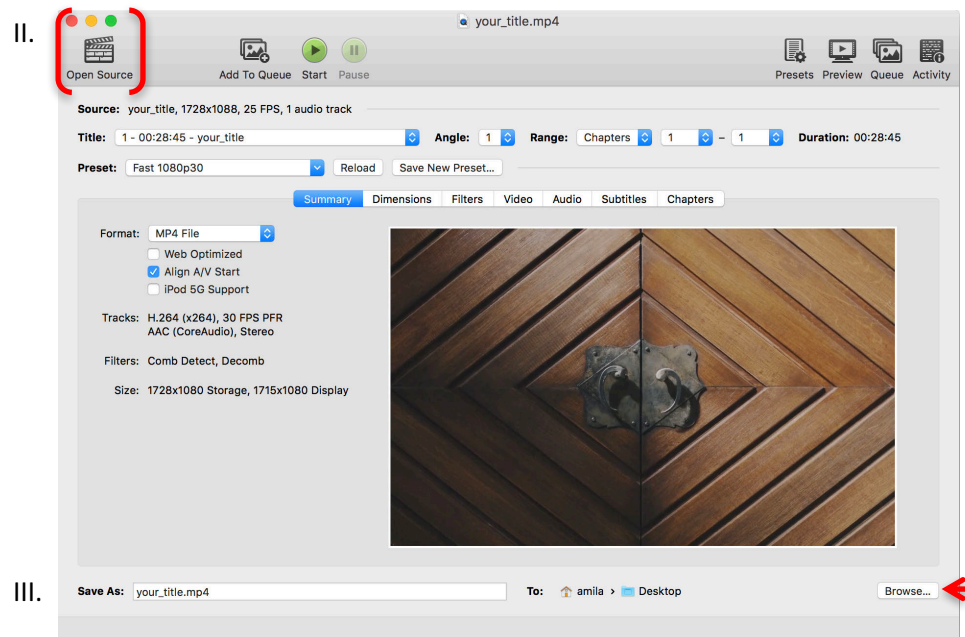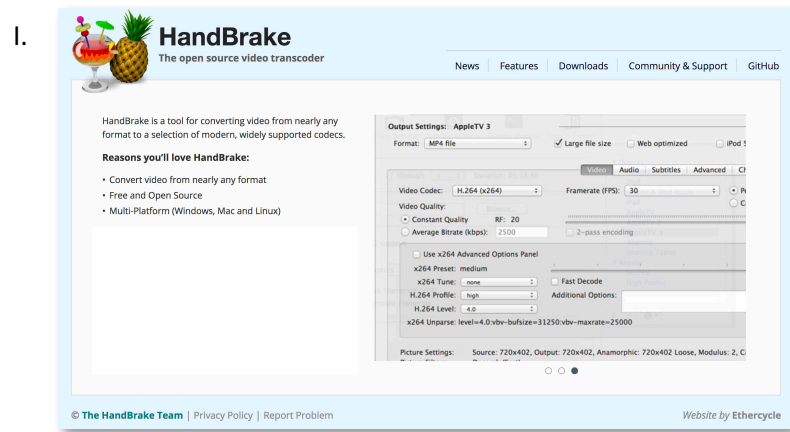
HANDBRAKE.fr

HandBrake
The open source video transcoder

News   Features   Downloads   Community & Support   GitHub

HandBrake is a tool for converting video from nearly any format to a selection of modern, widely supported codecs.

Reasons you'll love HandBrake:

• Convert video from nearly any format
• Free and Open Source
• Multi-Platform (Windows, Mac and Linux)

Output Settings: AppleTV 3
Format: MP4 file   ☑ Large file size   ☐ Web optimized   ☐ iPod 5
Video   Audio   Subtitles   Advanced   C
Video Codec: H.264 (x264)   Framerate (FPS): 30
Video Quality:
○ Constant Quality   RF: 20
○ Average Bitrate (kbps): 2500   ☐ 2-pass encoding
☐ Use x264 Advanced Options Panel
x264 Preset: medium
x264 Tune: none   ☐ Fast Decode
H.264 Profile: high   Additional Options:
H.264 Level: 4.0
x264 Unparse: level=4.0:vbv-bufsize=31250:vbv-vbv-maxrate=25000
Picture Settings: Source: 720x402, Output: 720x402, Anamorphic: 720x402 Loose, Modulus: 2, C

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SPECIFICATIONS
MP4, H264, 1920x1080, 25 fps (or Same as Source), 1500 Kbit/s 160 Kbps (stereo),
English versioned or English subtitles
*Optimized for web

I. Download and open the freeware program Handbrake. You can find it at www.handbrake.fr

II. Click on the 'Open Source' button and open the DVD or file you are going to use or click on the 'File' pane and then 'Open Source'.

III. You can name your file whatever you choose and save it to any location. This is done in the line where the 'Save As / Browse' paragraph is.

I.

II.

III.

IV. a-b) Click on the 'HandBrake' pane and then on the 'Preferences'. Make sure that the default setting is set to MP4. It should look like the box on the right.

V. Click on the 'Dimensions' to adjust the picture format.

If there is some need to adjust the picture, use the up and down arrows to do so and get the wanted **1920 x 1080** size. This goes for the cropping of the picture as well.

(If the film has black bars on top and bottom or on the sides, change the cropping setting to customize and adjust it so the bars are included and the size is 1920 x 1080.)
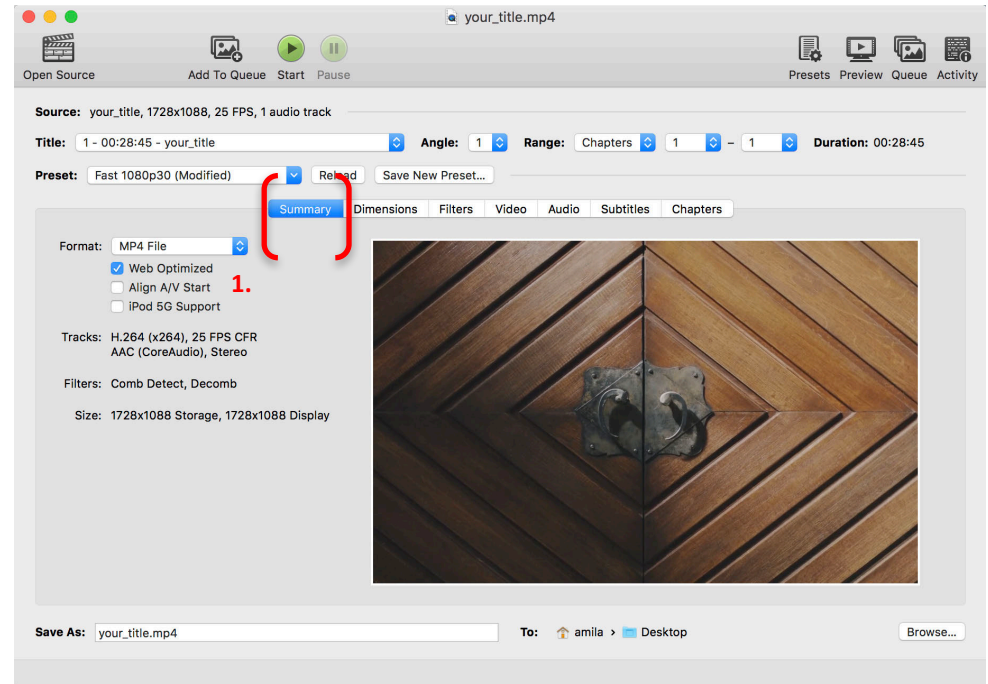
IV. a)
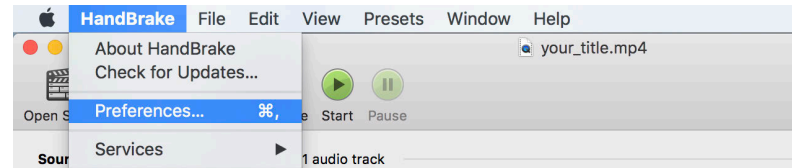
b)
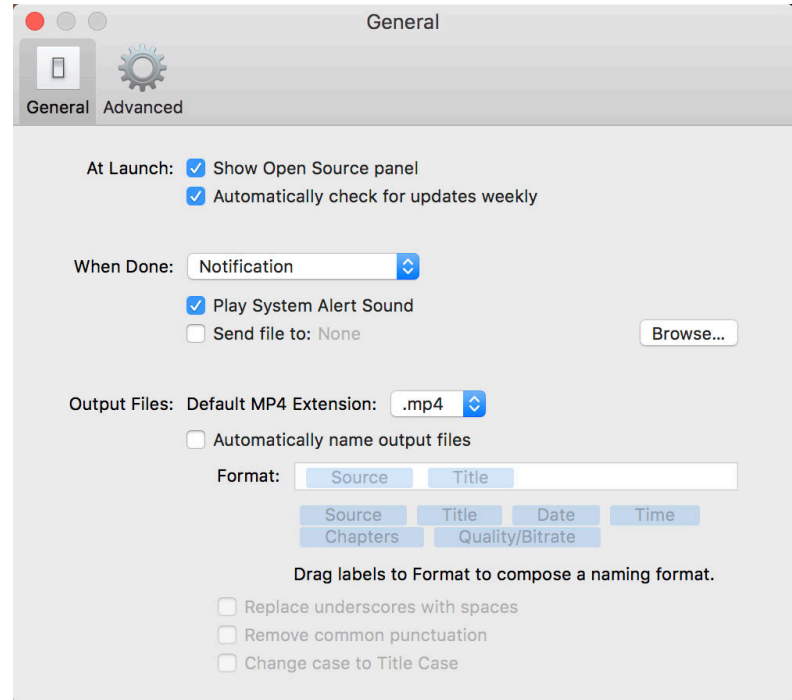
V.
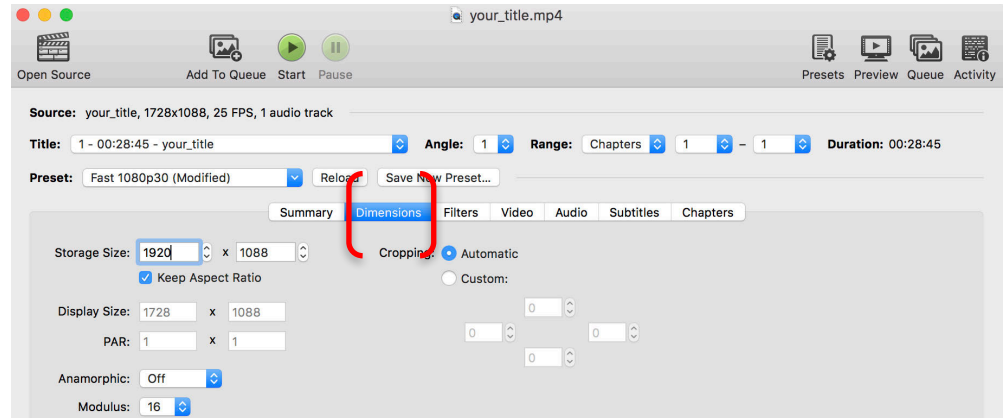
VI. Your VIDEO SETTINGS must look like in two following pictures.

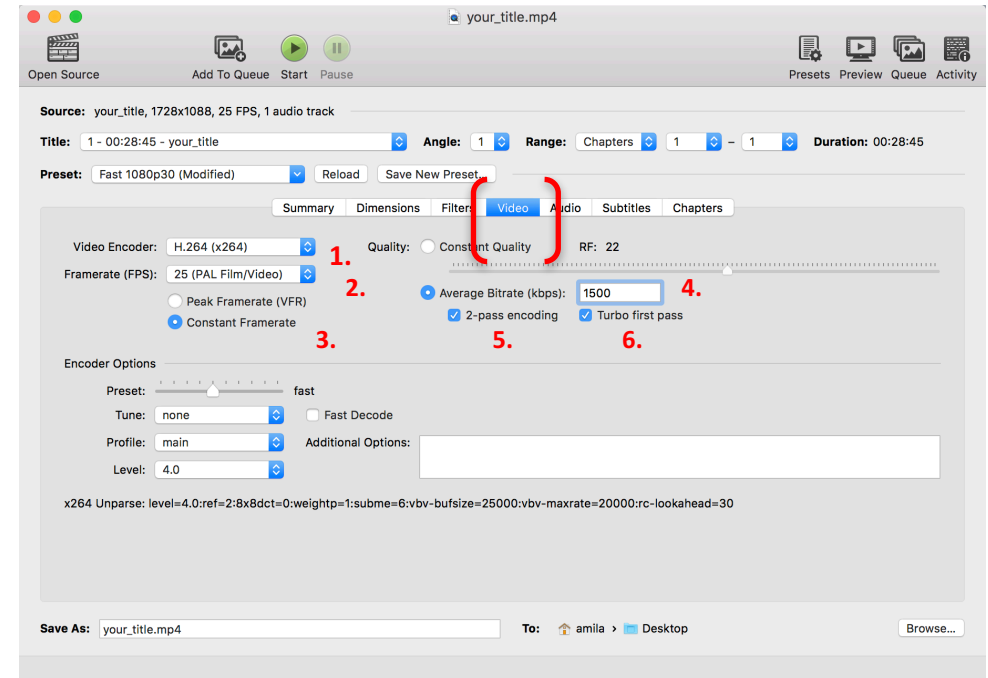1. In "SUMMARY", tick the box *Web optimized*

VII. In "VIDEO" :

1. Video Codec: *H264*

2. Framerate (FPS): 25 fps (or *Same as Source)*

3. Tick the box that says *Constant Framerate*

4. Average Bitrate (kbps): *1500*

5. Tick the box *2-pass encoding*
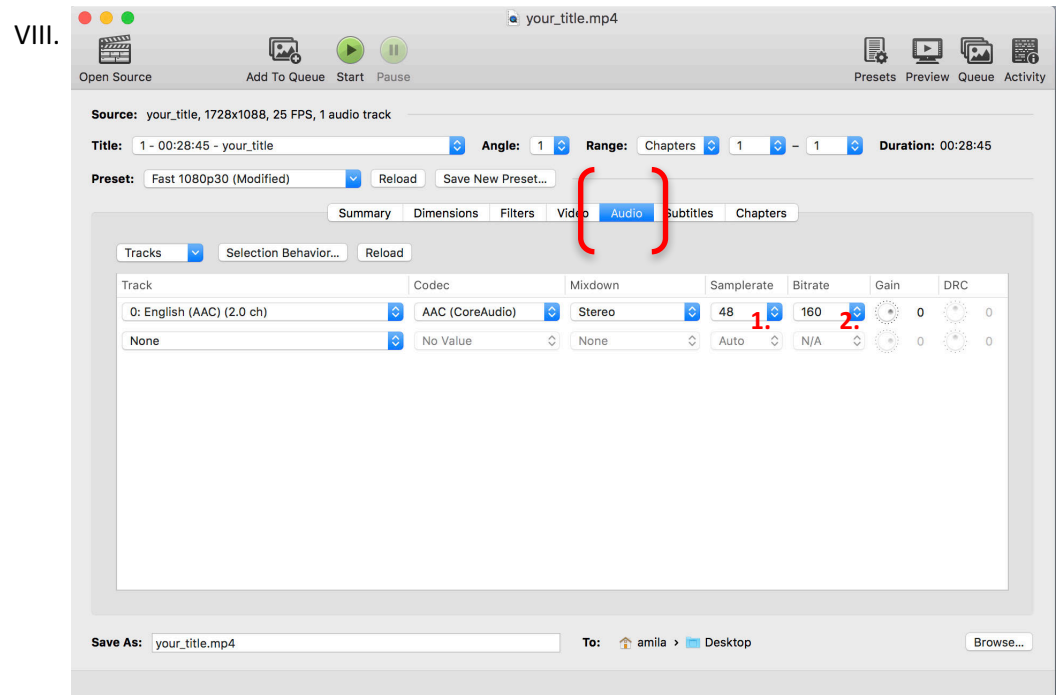
6. Tick the box *Turbo first pass*

VI.

VII.

VIII. Your AUDIO SETTINGS must look like in the following picture.

1. Samplerate: *48*
2. Bitrate: *160*

IX. SUBTITLES

- If your film has subtitles which are NOThardcoded subtitles on your file, make surethat you click on the Subtitles pane and choose the correct subtitles in Tracks. Works best with .srt subtitles.Make sure the "burned in" box is ticked.
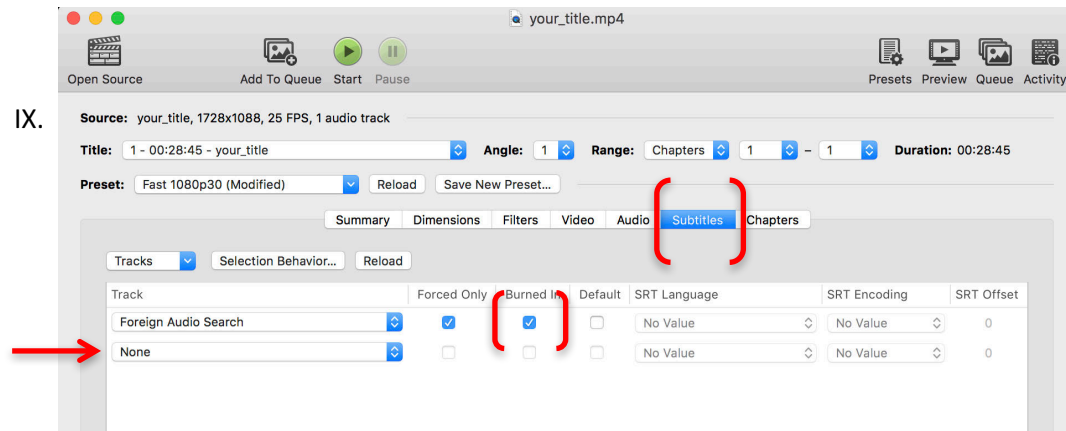
X. When all of the settings look like they do in the screenshots above, press the green START button and the encoding will begin.

Handbrake will inform you, when the encoding is done.

GOOD LUCK!

X.