How to get the right format of your film for the Nordisk Panorama film registration with the freeware program Handbrake:

- 1. Download and open the freeware program Handbrake. You can find it at handbrake.fr
- 2. Click on the 'Source' button and open the DVD or file you are going to use or click on the 'File' pane and then 'Open Source'.
- 3. You can name your file whatever you choose and save it to any location. This is done in the line where the 'Destination' paragraph is.
- 4. 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 below.

⊖ ○ General	
General Audio Advanced	
At launch: Show Presets Drawer Source selection: Open Source ‡ Automatically check for updates	
Daily +	
When Done: Alert Window Play System Alert Sound Send file to: MetaX Browse	
Output files: Use Auto Naming (uses DVD name and title number) Default MP4 Extension:	

4. Click on the 'Window' pane and then 'Picture Settings' to adjust the picture format.

It should look like this:

8	Picture Settings	
Rreview	Size Filters	
Width: 720 😜 DOC Keep Aspect Ratio: 🗹	Cropping: O Auto O Cust	matic HashFile Playe ding
Height: 400 🗘 Anamorphic: None 🛟 Modulus: 16 🗧	▣ ₿ ₀	
Source: 720x400, Output: 720x400		

 If there is some need to adjust the picture, use the up and down arrows to do so and get the wanted 720 x 400 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 custom and adjust it so the bars are included and the size is 720×400 .

6. Your video and audio settings must look like this:

Video:

00	HandBrake
Source Start Pause Add to Queue Show Queue	Picture Settings Preview Window Activity Window Toggle Presets
Source: 10122.mp4	
Title: 10122 1 - 00h23m55s ‡	Angle: 1 ‡ Chapters ‡ 1 ‡ through 1 ‡ Duration: 00:23:55
Destination	
File: /Users/filmkontaktnord/Desktop/NP 2013/10122.mp4	Browse
Output Settings: NP 2012	
Format: MP4 file + Large file size	✓ Web optimized 🛛 iPod 5G support
	Audio Subtitles Advanced Chapters
Video	Audio Subtitles Advanced Chapters
Video Codec: H.264 (x264) + Framerate (FPS)	: 25 (PAL Film/Video) + Peak Framerate (VFR)
	Constant Framerate
Video Quality:	
Constant Quality RF: 23.5	
Average Bitrate (kbps): 800 Solution 2-pass enco	ding 🗹 Turbo first pass
Picture Size: Source: 720x400, Output: 720x400, Modulus: 16	
Picture Cropping: Auto 0/0/0/0	
Video Filters:	
	No encode pending

Tick off the box Web optimized Video Codec: H264 Framerate (FPS) 25 PAL Tick of the box that says Constant Framerate Average Bitrate (kbps) 800 Tick off the box 2-pass encoding Tick off the box Turbo first pass Audio:

⊖ ⊖ ⊖ HandBrake						
Source Start Pause Add to Queue Show Queue		Picture Settings P	review Window Activity Window Toggle Presets			
Source: 10122.mp4 Title: 101221-00h23m55s Destination File: /Users/filmkontaktnord/Desktop/NP 2013/10122.mp4 Output Settings: NP 2012						
		iPod 5G support Advanced Chapters				
Add All Tracks						
Track	Codec	Mixdown Sample				
0: English (aac) (2.0 ch)	AAC (CoreAudio)	Stereo ‡ 44.1				
None	No Value	No Value	. ÷ No V ÷ 0 0 0			
			No encode pending			

Samplerate: 44,1 Bitrate 96

7. If your film has subtitles:

If you don't have hardcoded subtitles on your file/DVD, make sure that you click on the Subtitle pane and choose the correct subtitles.

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!