CONVERTING VIDEO FILE FORMAT TO .MP4 USING HANDBRAKE February 15, 2016

1. Download a program called Handbrake at: https://handbrake.fr/downloads.php



- 2. Once you have installed the program, click on the **Handbrake** icon **Handbrake** icon to open it.
- 3. The first step is to select a video file to be converted by clicking on the **Source** button in the toolbar.

¥ HandBrake	+ _ 🗆 ×
File Tools File Tools Source Start Source Start Source Start Source Start Source Show Queue Source Show Queue Source Show Queue Source Show Queue Tote Image Peture Image Peture Image Source Image Vidth Image Image Image <t< td=""><td>→ - × Presets - O Devices Universal iPod iPod iPhone & iPod touch iPad AppleTV AppleTV AppleTV 3 Android Android Android Android Ablet Windows Phone 3 Image: A state of the profile -</td></t<>	→ - × Presets - O Devices Universal iPod iPod iPhone & iPod touch iPad AppleTV AppleTV AppleTV 3 Android Android Android Android Ablet Windows Phone 3 Image: A state of the profile -
Ready	Add C Remove Options

4. Select the File: Open a single video file option.

Source Selection	
Source Selection	
Optionally choose a specific title	(none)
Then choose the video(s) you'd li	ke to encode:
Folder Open a folder with one	or more files.
File Open a single video file	
A.	Cancel
	Cancel

5. After a video file has been selected, choose the location where the new video in .mp4 format will be saved using the **Browse** button.

¥	HandBrake	+ _ D ×
File Tools Presets Help		
Source 🕑 Start 🖾 Add To Queur	e 👻 🕞 Show Queue 🎽 Preview 🞦 Activity Log	+
Source CouncilMeeting Title 1(01:31:00) Angle 1 Chi Destination File Output Settings Container MP4 V Web Optimized Picture Enter Video Audio Cubitate Chapter	apters v 1 v through 1 v Duration 01:31:00	Presets Devices Universal iPod iPhone & iPod touch iPad AppleTV AppleTV AppleTV 3
Size Source: 640x480, Aspect Ratio: 1.33, PAR: 1/1 Width: 634	Cropping Automatic Custom	Android Android Tablet Windows Phone 8 Regular
Anamorphic Loose v Modulus: 2 v	Left 4 $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ Right 0 $\frac{1}{2}$	Normal High Profile
	Bottom	🗘 Add 🖨 Remove 🔅 Options
Ready		

6. You may modify the resolution of the video by adjusting the size and cropping settings in the **Picture** tab.

However, this is usually not necessary. **Handbrake** is "smart" software, and will automatically detect the video resolution size, and even crop out any black areas that exist at the edges of the video frame.

7. Other settings that might require consideration are located in the **Video** tab.

9	HandBrake	+ _ D ×
File Tools Presets Help		
Source 🕑 Start 🕞 Add To Queue	- Know Queue Preview E Activity Log	-
Source CouncilMeeting Title 1 (01:31:00) v Angle 1 v Chai Destination File C\USers\Sarais\Documents\MediaZone Editor Pro Output Settings Container MP4 v Web Optimized Picture Filters Video Audio Subtities Chapters Size Source: 640x480x, 354 Edito: 133, PAR: 1/1 Width: isa Height: Inone	pters v 1 v through 1 v Duration 01:31:00 Media\CouncilMeetingFeb15.mp4 Brow IPOd 5G Support Cropping @ Automatic _ Custom	Presets Devices Universal IPod IPhode AppleTV AppleTV 3 Android Android Android Tablet Windows Phone 8 O Benutikr
Anamorphic Loss v Modulus: 2 v	Left 4 w 2 w Right Bottom	Normat High Profile
Ready		

8. In the **Video** tab, is the very important **Optimise Video** setting. This setting is the easiest way to modify the quality of the .mp4 video file that will be produced.

In fact, hovering over the **Optimise Video** slide bar produces a tooltip stating, "You should generally set this option to the slowest you can bear since the slower settings will result in better quality or smaller files."

	HandBrake	+
ile Tools Presets Help		
Source 🕟 Start 🕞 Add To Queue	Show Queue Preview Activity Log	
Source CouncilMeeting Title 1 (01:31:00) Angle 1 Chapi Destination File C:USers/Sarais/Documents/MediaZone Editor Provoutsettings Output Settings Container MP4 Web Optimized	ters v 1 v through 1 v Duration 01:31:00 Medial/CouncilMeetingFeb15.mp4 Brow	Presets Obvices Universal iPod iPad AppleTV AppleTV 2 AppleTV 3
Picture Filters Video Audio Subtitles Chapters Video Video Coder: H 264 (r264)	Quality	Android Android Tablet Windows Phone 8
		Regular
Framerate (FPS): Same as source ~	Lower Quality Placebo Quality	Normal
Framerate (FPS): Same as source Constant Framerate Variable Framerate	Lower Quality Placebo Quality Avg Bitrate (kbps): 2-Pass Encoding Turbo first pass	Normal High Profile
Framerate (FPS): Same as source · Constant Framerate Variable Framerate Optimise Video:	Lower Quality Placebo Quality Ary Bitrate (kbps): 2-Pass Encoding Turbo first pass	Normal High Profile
Framerate (FPS): Same as source Constant Framerate Variable Framerate	Lower Quality Placebo Quality Avg Bitrate (kbps): 2-Pass Encoding Turbo first pass	Normal High Profile
Framerate (FPS): Same as source Constant Framerate Variable Framerate Variable Framerate Very Fast x264 Preset: Very Fast x264 Tune: None H264 Profile: Main H264 Levet:	Lower Quality Placebo Quality Avg Bitrate (kbps): 2-Pass Encoding Turbo first pass	Normal High Profile

9. To begin the conversion process, click on the **Start** button in the toolbar and be prepared to be patient!

8	HandBrake	+ _ - - ×
ile Tools Presets Help		
Source 💽 Start 🗔 Add To Q	ueue 👻 🎼 Show Queue 🎽 Preview 🎦 Activity Log	
Source CouncilMeeting Title 1101:31:00 v Angle 1 v Destination File C:Users/Sarais/Documents/MediaZone Edito Output Settings Container MP4 v Web Optimiz	Chapters v 1 v through 1 v Duration 01:31:00 r Pro\Media\CouncilMeetingFeb15.mp4 d IPod 5G Support	Presets Devices Universal IPod IPod touch IPhone & IPod touch IPhone V AppleTV 2 AppleTV 3
Picture Filters Video Audio Subtitles Chapte Video Video Codec: H.264 (x264) \rightarrow	Quality Constant Quality: 20 RF	Android Android Tablet Windows Phone 8
Framerate (FPS): Same as source V	Lower Quality Placebo Quality	Normal
 Constant Framerate Variable Framerate 	Avg Bitrate (kbps):	' High Profile
Optimise Video:	r de 4.0 ~	
Extra Options:		Add C Remove Options
Ready		

There are a multitude of methods to customize the video settings in **HandBrake**. This document is meant to be as simple as possible. Please see <u>https://trac.handbrake.fr/wiki#DocumentationHelp</u> for more information...