


Download and install Handbrake from <https://handbrake.fr/>

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HandBrake

The open source video transcoder

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)

Download HandBrake 0.10.5
For Mac OS X 10.6 or later

[\(Other Platforms\)](#)

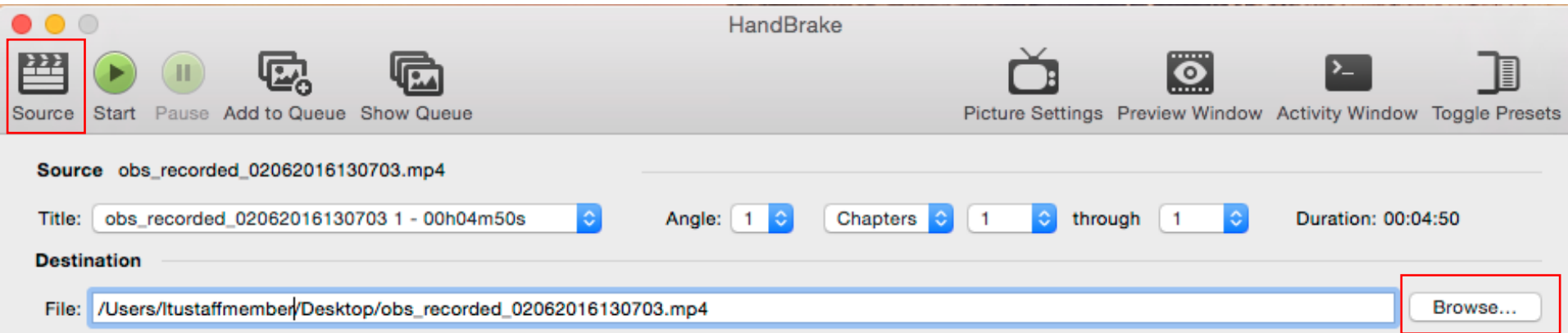
It's free!

Latest News: [0.10.5 Released!](#)

Open Handbrake from your Applications folder.



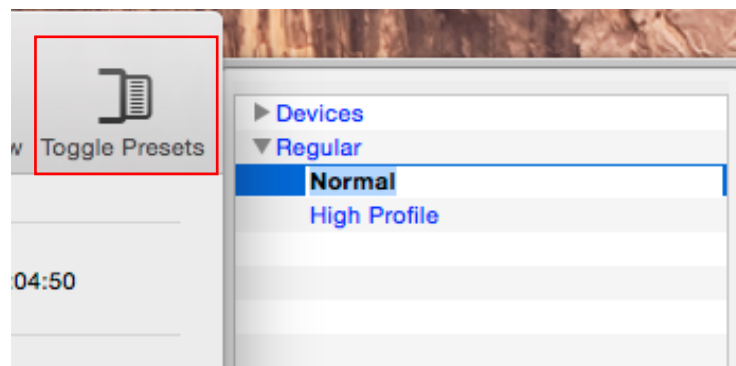
Click on “Source” to load the file you wish to compress.



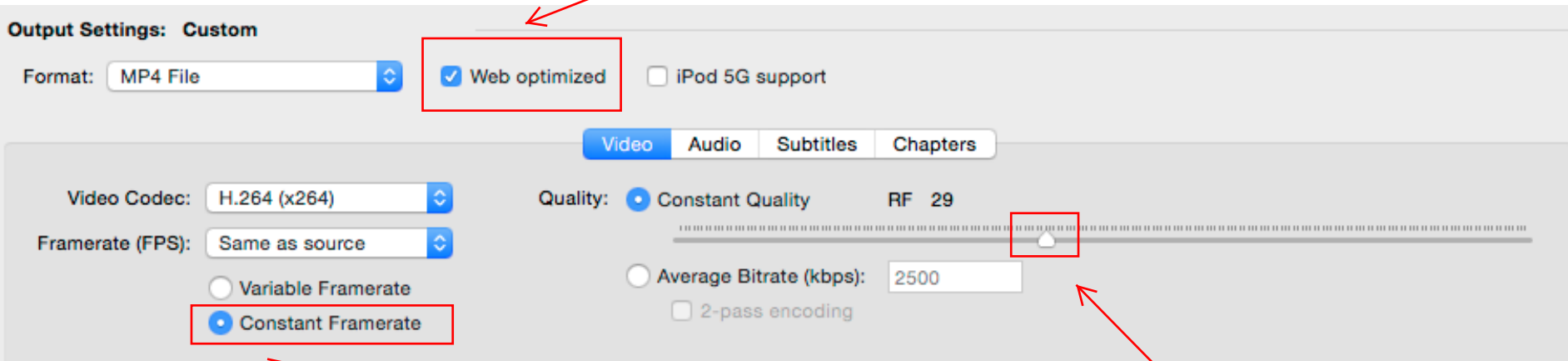
Click “Browse” to name your file and direct it to the location you wish to save the file to.

The aim is to compress a One Button Studio file (or any large file) to 1/10th of its original size so it can be “dragged and dropped” directly into the LMS.

Click the Toggle Presets pane. Under “Regular” click “Normal” then make the following adjustments to the Handbrake Output Settings.



Check the Web optimized box



Check the Constant Framerate circle

Adjust the Constant Quality by moving the slider to RF 29

Check your settings then click “Start” to begin the Handbrake Compression.

The image shows the HandBrake application window. At the top, there is a toolbar with icons for Source, Start, Pause, Add to Queue, Show Queue, Picture Settings, Preview Window, Activity Window, and Toggle Presets. A red arrow points from the text above to the Start button. Below the toolbar, the Source is set to 'obs_recorded_01072016131747.mp4'. The Title is 'obs_recorded_01072016131747 1 - 00h34m26s', Angle is 1, Chapters are 1 through 1, and Duration is 00:34:26. The Destination is set to '/Users/ltustaffmember/Desktop/obs_recorded_file.mp4'. Under Output Settings, the Format is 'MP4 File', 'Web optimized' is checked, and 'iPod 5G support' is unchecked. The Video tab is selected, showing Video Codec as 'H.264 (x264)', Framerate (FPS) as 'Same as source', and Quality as 'Constant Quality' (RF 29). Under Encoder Options, the Preset is 'veryfast', Tune is 'none', Profile is 'main', and Level is '4.0'. The Additional Options field is empty. At the bottom, the text 'Encode Finished.' is displayed on the left and 'No encode pending' on the right.

Source: obs_recorded_01072016131747.mp4

Title: obs_recorded_01072016131747 1 - 00h34m26s Angle: 1 Chapters: 1 through 1 Duration: 00:34:26

Destination

File: /Users/ltustaffmember/Desktop/obs_recorded_file.mp4 Browse...

Output Settings: Custom

Format: MP4 File Web optimized iPod 5G support

Video Audio Subtitles Chapters

Video Codec: H.264 (x264) Quality: Constant Quality RF 29

Framerate (FPS): Same as source

Variable Framerate Average Bitrate (kbps): 2500

Constant Framerate 2-pass encoding

Encoder Options

Preset: veryfast

Tune: none Fast Decode

Profile: main Additional Options:

Level: 4.0

x264 Unparse: level=4.0:ref=1:8x8dct=0:weightp=1:subme=2:mixed-refs=0:trellis=0:vbv-buFSIZE=25000:vbv-maxrate=20000:rc-lookahead=10

Picture Settings: Source: 1920x1088, Output: 1858x1080, Anamorphic: 1858x1080 Loose, Modulus: 2, Crop: Auto 0/8/62/0

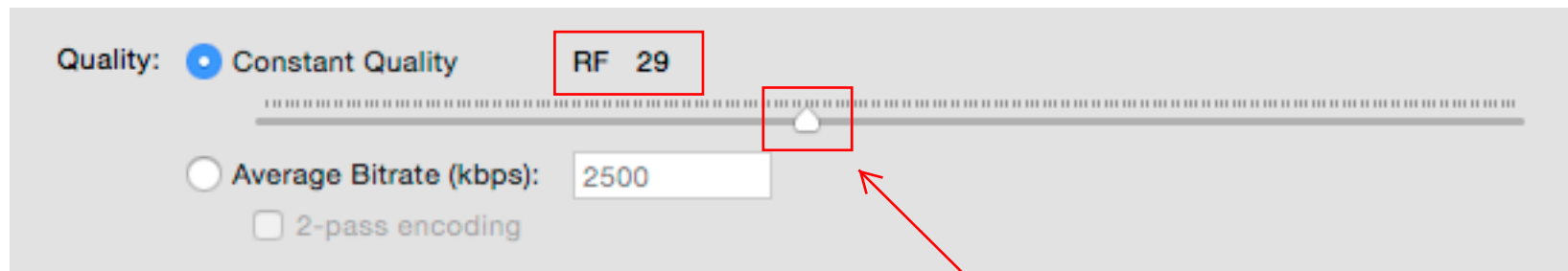
Picture Filters:

Encode Finished. No encode pending

What if the output file is still too large for the LMS!

If your final compressed file is over 100mb in size you will have to adjust the maximum file upload size in the LMS to the maximum 200mbs.

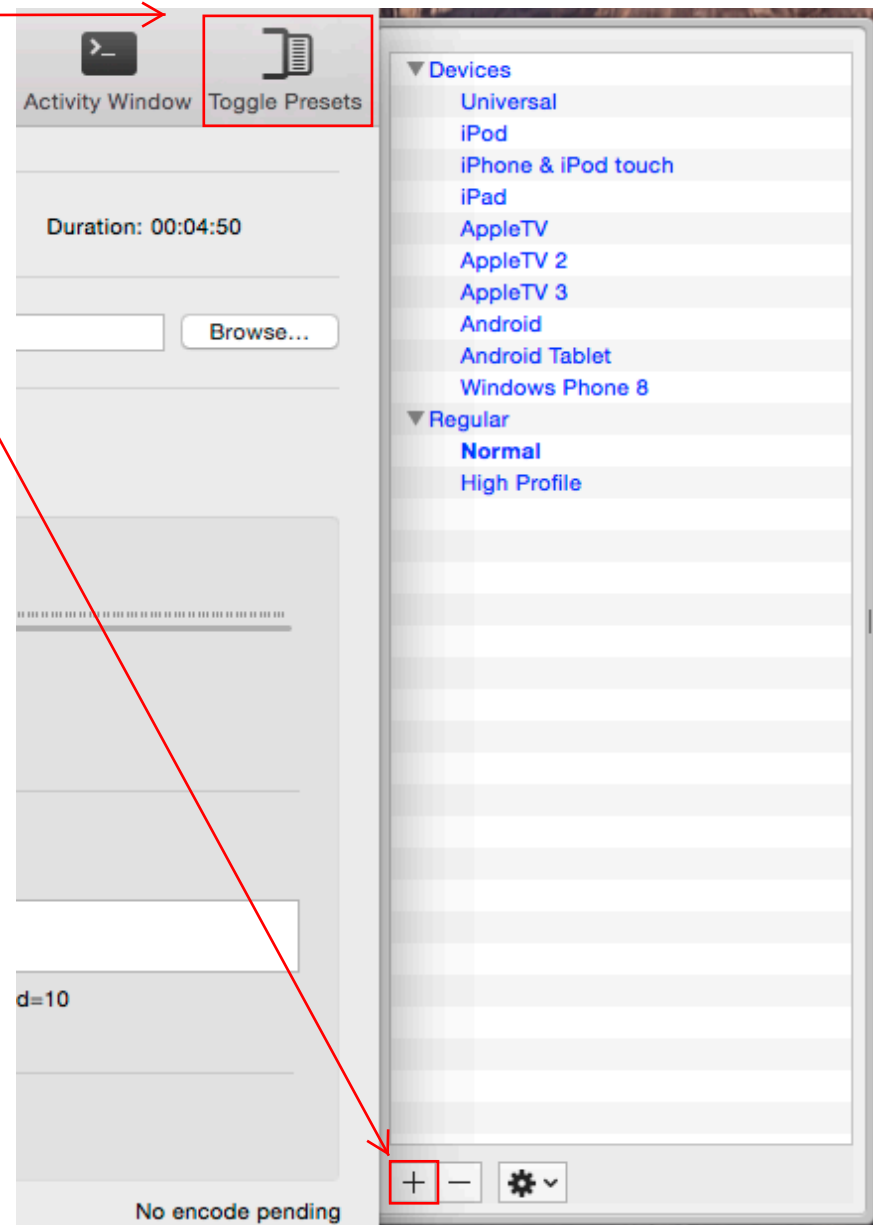
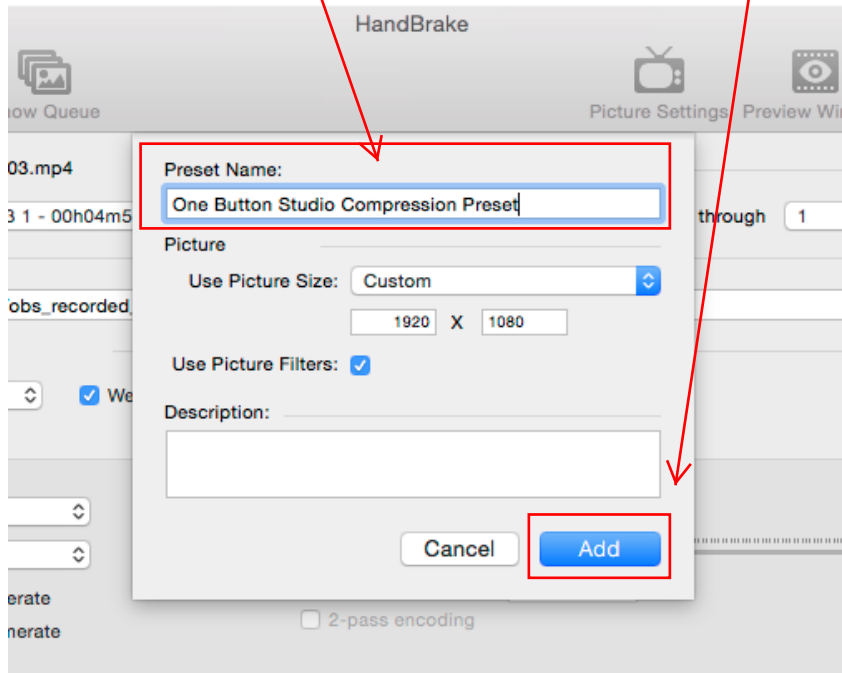
Refer to the workflow guide “**Change maximum upload size in the LMS**” located in the same part of the website as this pdf or call Ed-Tech on x1555 to get assistance. Note if the final size of your compressed file is larger than 200mbs you won't be able to drag it in to the LMS and you will need to compress it to something under 200mb.



To increase the amount of compression move the Constant Quality RF slider further to the left.

To save your settings as a preset you can reuse.

1. Click “Toggle Presets” then click on the plus sign at the bottom of the pane.
2. Give the Preset a name then click Add.



3. The Preset will be listed under “Regular”

