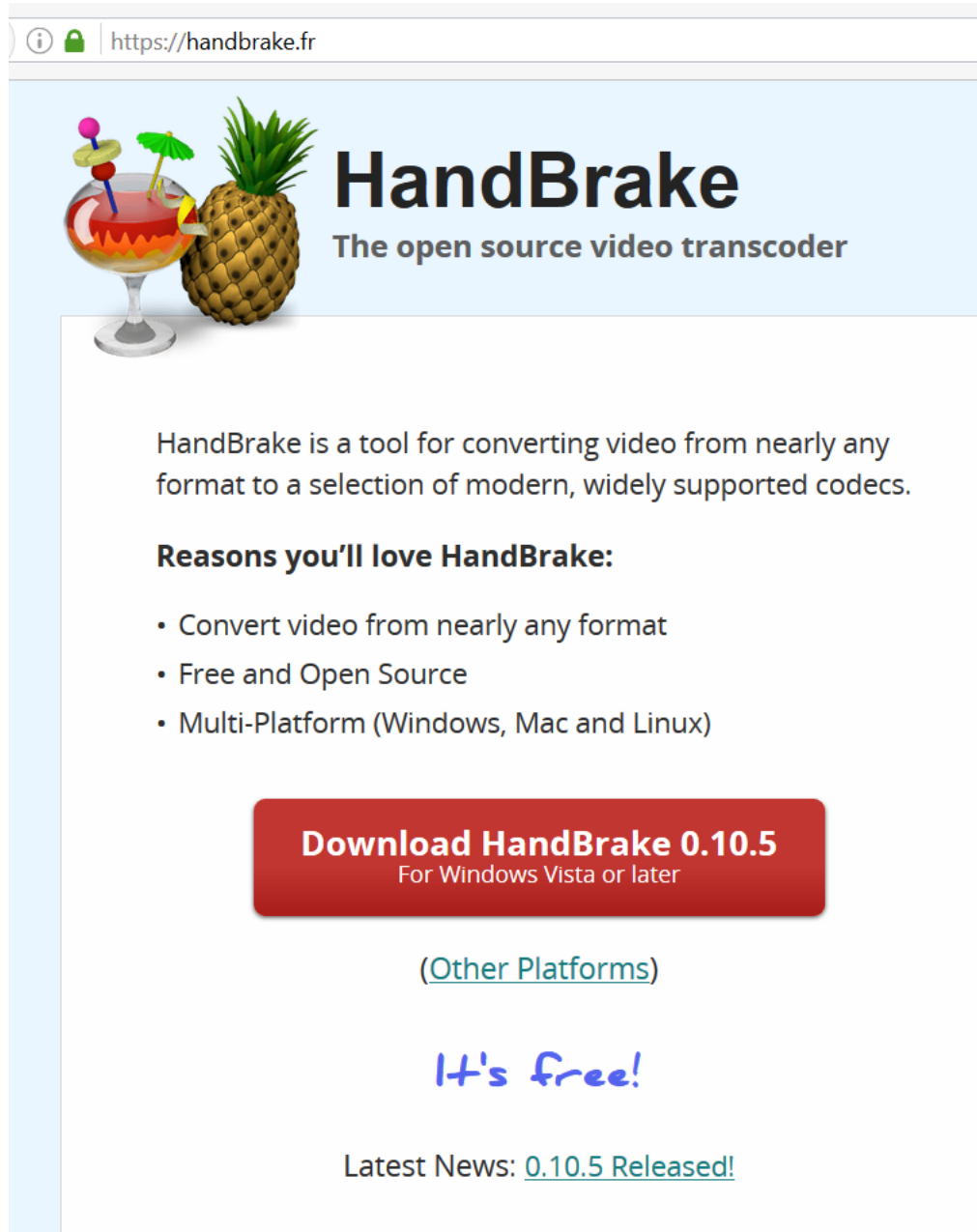



Download and install Handbrake from <https://handbrake.fr/>



The image shows a screenshot of the HandBrake website homepage. At the top, the browser address bar displays "https://handbrake.fr". Below the address bar is a light blue header section. On the left side of the header, there is an illustration of a cocktail glass with a red drink, a pineapple, and a small umbrella. To the right of the illustration, the word "HandBrake" is written in a large, bold, black font. Below the name, the text "The open source video transcoder" is written in a smaller, black font. The main content area is white. It starts with a paragraph: "HandBrake is a tool for converting video from nearly any format to a selection of modern, widely supported codecs." Below this is a section titled "Reasons you'll love HandBrake:" followed by a bulleted list: "• Convert video from nearly any format", "• Free and Open Source", and "• Multi-Platform (Windows, Mac and Linux)". In the center of the page, there is a large red button with white text that says "Download HandBrake 0.10.5" and "For Windows Vista or later" below it. Below the button, there is a link in blue text: "(Other Platforms)". At the bottom of the page, the text "It's free!" is written in a blue, handwritten-style font. Finally, at the very bottom, there is a link in blue text: "Latest News: [0.10.5 Released!](#)".

https://handbrake.fr



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 Windows Vista or later

[\(Other Platforms\)](#)

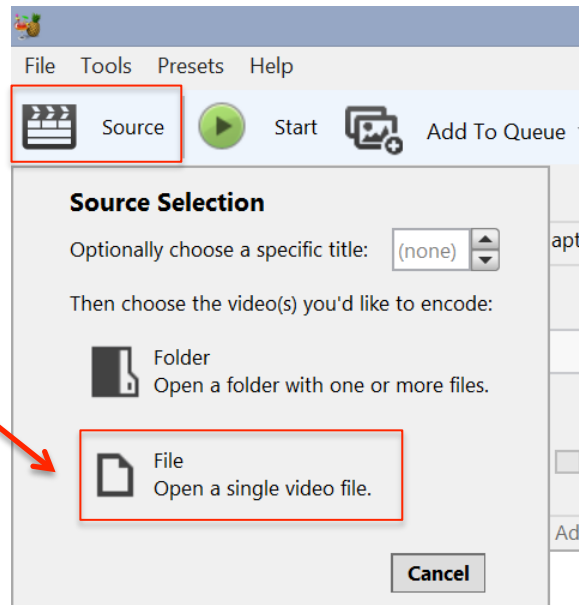
It's free!

Latest News: [0.10.5 Released!](#)

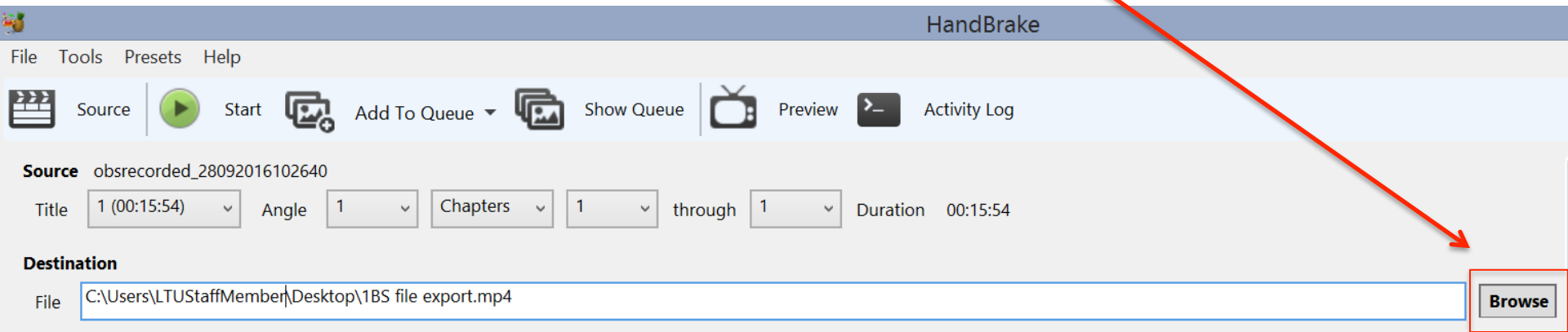
Open Handbrake from your Applications folder.



Click on "Source" then "File" to load the file you wish to compress.

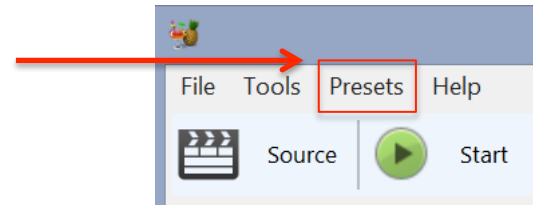


Click "Browse" to name your file and direct it to the location you wish to save the file to.

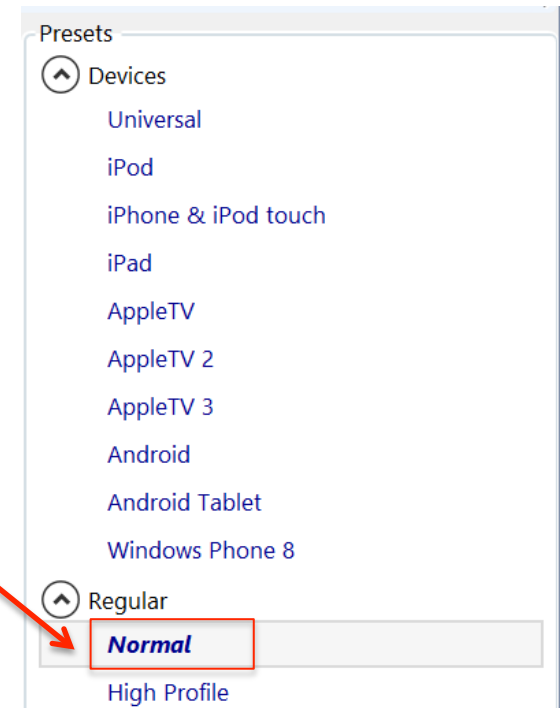


The aim is to compress a One Button Studio file (or any large file) to 1/10th of its original size so it can be “dragged and dropped” directly into the LMS.

To begin, make sure the Presets menu is visible by going to Handbrake’s taskbar and clicking “Presets” and then tick “Show Preset Panel”.



In the Presets menu under “Regular” click “Normal.” This will form the basis of the Handbrake setting to be used.



Click on the Video tab and make these additional adjustments.

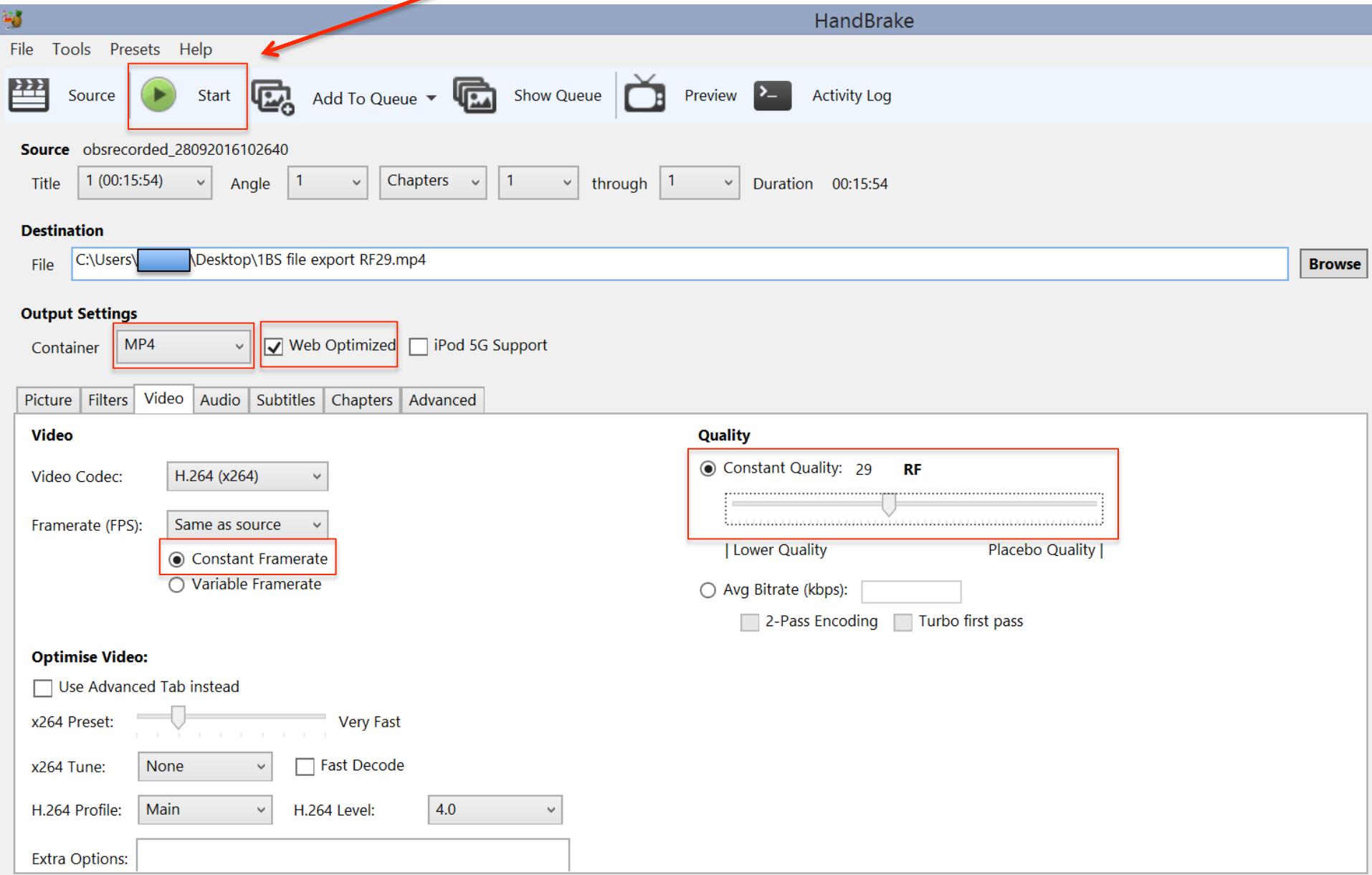
Check the Web optimized box

The screenshot shows the 'Output Settings' panel of a video conversion software. The 'Video' tab is selected and highlighted with a red box. In the 'Output Settings' section, the 'Container' is set to 'MP4', and the 'Web Optimized' checkbox is checked and boxed in red. Below this, the 'Video' section shows 'Video Codec' set to 'H.264 (x264)' and 'Framerate (FPS)' set to 'Same as source'. Under 'Framerate (FPS)', the 'Constant Framerate' radio button is selected and boxed in red. The 'Quality' section shows 'Constant Quality' selected with a value of '29' and 'RF' next to it, which is boxed in red. A slider below this is also boxed in red, with an arrow pointing to it from the right. The slider is positioned between 'Lower Quality' and 'Placebo Quality'. Below the slider, there are options for 'Avg Bitrate (kbps)', '2-Pass Encoding', and 'Turbo first pass'.

Check the Constant Framerate circle

Adjust the Constant Quality by moving the slider left from RF 20 to RF 29

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



The image shows the HandBrake software interface. A red arrow points from the text above to the 'Start' button in the top toolbar. The interface includes a menu bar (File, Tools, Presets, Help), a toolbar with buttons for Source, Start, Add To Queue, Show Queue, Preview, and Activity Log, and a main settings area. The Source is 'obsrecorded_28092016102640' with a duration of 00:15:54. The Destination is 'C:\Users\...\Desktop\1BS file export RF29.mp4'. Under Output Settings, the Container is 'MP4' and 'Web Optimized' is checked. The Video tab is selected, showing 'Video Codec: H.264 (x264)', 'Framerate (FPS): Same as source', and 'Constant Framerate' selected. The Quality tab is also visible, showing 'Constant Quality: 29 RF' selected. The 'Optimise Video' section includes a 'x264 Preset' slider set to 'Very Fast', 'x264 Tune: None', 'H.264 Profile: Main', and 'H.264 Level: 4.0'.

HandBrake

File Tools Presets Help

Source Start Add To Queue Show Queue Preview Activity Log

Source obsrecorded_28092016102640

Title 1 (00:15:54) Angle 1 Chapters 1 through 1 Duration 00:15:54

Destination

File C:\Users\...\Desktop\1BS file export RF29.mp4 Browse

Output Settings

Container MP4 Web Optimized iPod 5G Support

Picture Filters Video Audio Subtitles Chapters Advanced

Video

Video Codec: H.264 (x264)

Framerate (FPS): Same as source

Constant Framerate

Variable Framerate

Quality

Constant Quality: 29 RF

| Lower Quality Placebo Quality |

Avg Bitrate (kbps):

2-Pass Encoding Turbo first pass

Optimise Video:

Use Advanced Tab instead

x264 Preset: Very Fast

x264 Tune: None Fast Decode

H.264 Profile: Main H.264 Level: 4.0

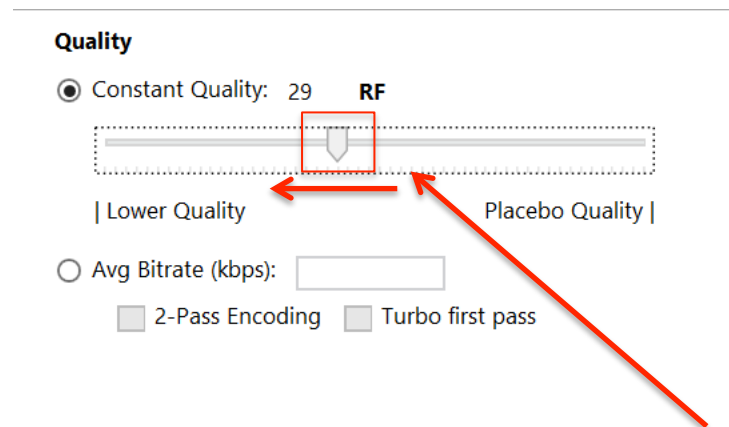
Extra Options:

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.

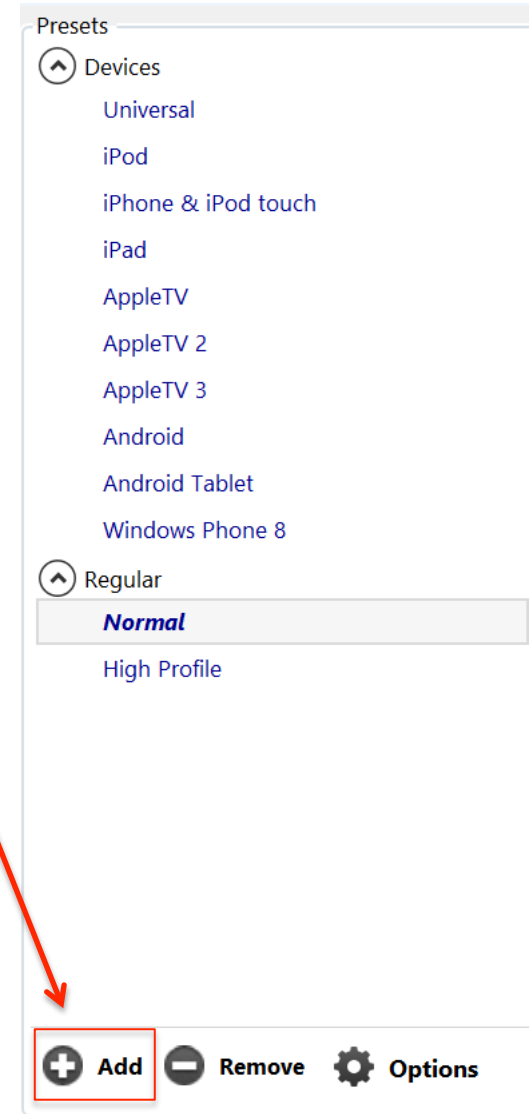
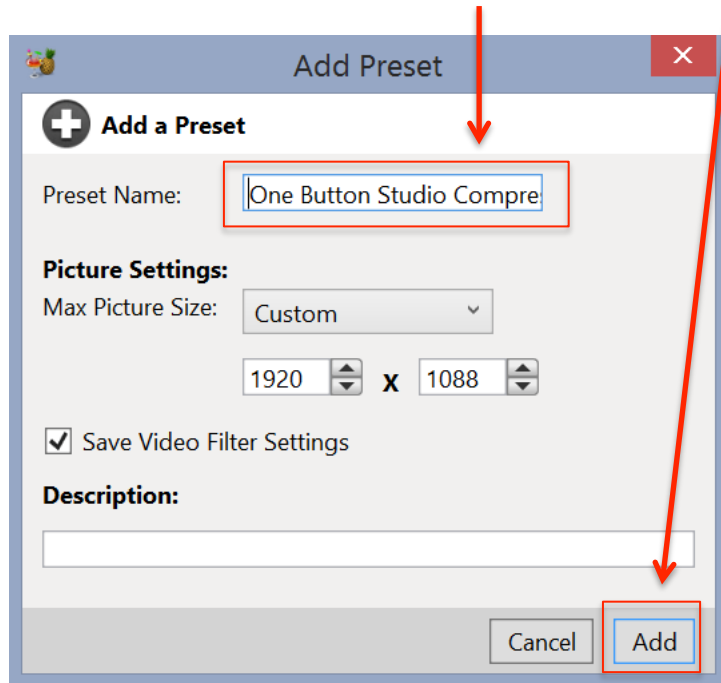
Note if the final size of your compressed file is larger than 200mbs you won't be able to drag it in to the LMS and you will need to compress it to something under 200mb.



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. In the Presets menu click the plus sign “Add” icon at the bottom of the pane.
2. Give the Preset a name then click Add.



3. The Preset will be listed under “User Presets”

