



**Recording Video with iShowU HD
for YouTube and for use with Final Cut Pro**

The Digital Media Center

129 Herring Hall

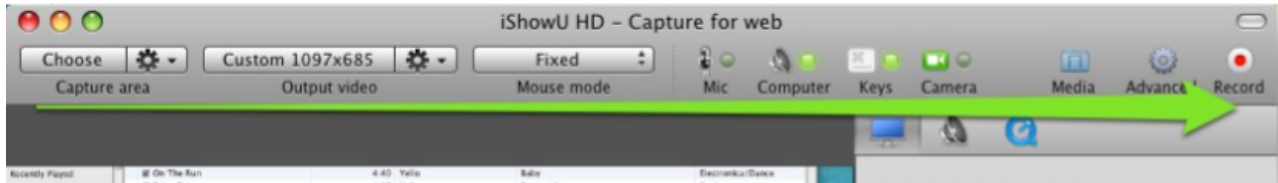
<http://dmc.rice.edu/>

dmc-info@rice.edu

(713) 348-3635

Introduction

iShowU HD is a tool used to capture videos from your screen in real time. It has been designed from the ground up to assist you in the capturing process, while at the same time providing flexibility and speed. User-friendly interface allows you to perform a simple left-to-right workflow to select what you wanted to capture, and then hit record. When you're finished, your video will be available immediately.



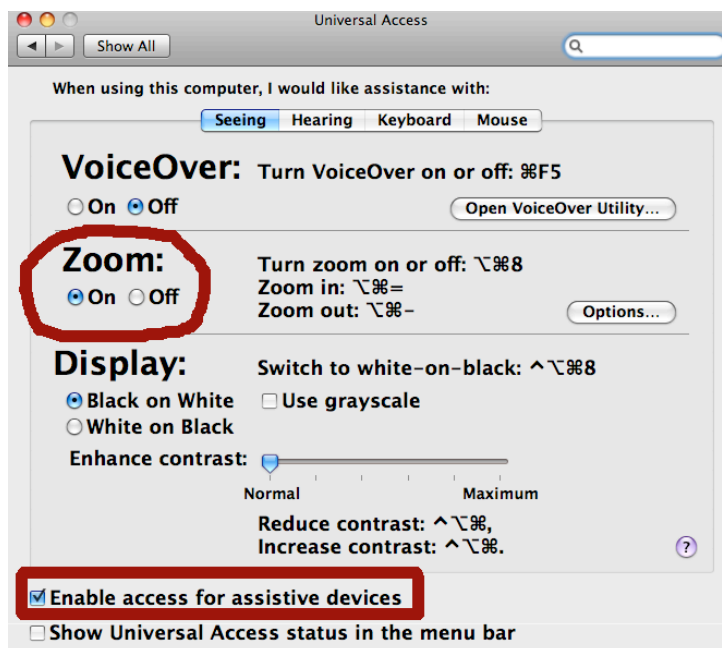
There are basically two scenarios for which you would use iShowU HD to create videos: to create short movies and directly upload to YouTube, or to create movies for later editing and mixing in Final Cut Pro (FCP). This guide will lead you through the whole process of creating a decent video for YouTube and for use in FCP.

Preparation

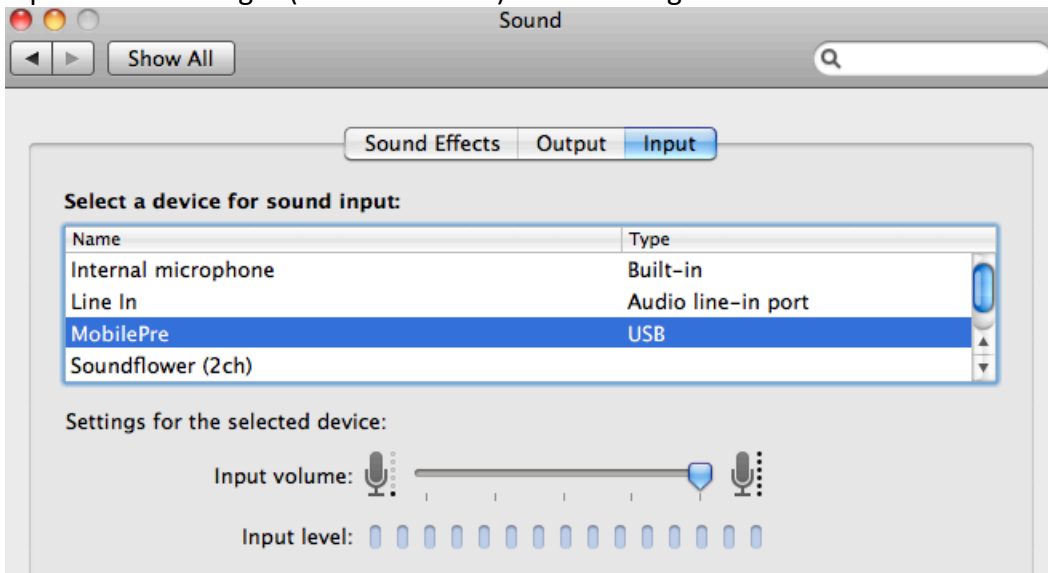


Check the System Settings

- **Universal Access:** Before you create any video, check the **Universal Access** settings in your computer **System Preferences** to make sure **Enable access for assistive devices** is checked and **Zoom** is turned on. **Universal Access** is required in order for iShowU HD to detect keypresses and mouse clicks.



- **Sound:** Make sure to select **MobilePre** as your device for sound input. To do this, click on **Sound** in System Preferences, click on **Input**, then choose **MobilePre**. Move the slider of input volume to right (maximum level) to ensure a good audio level.

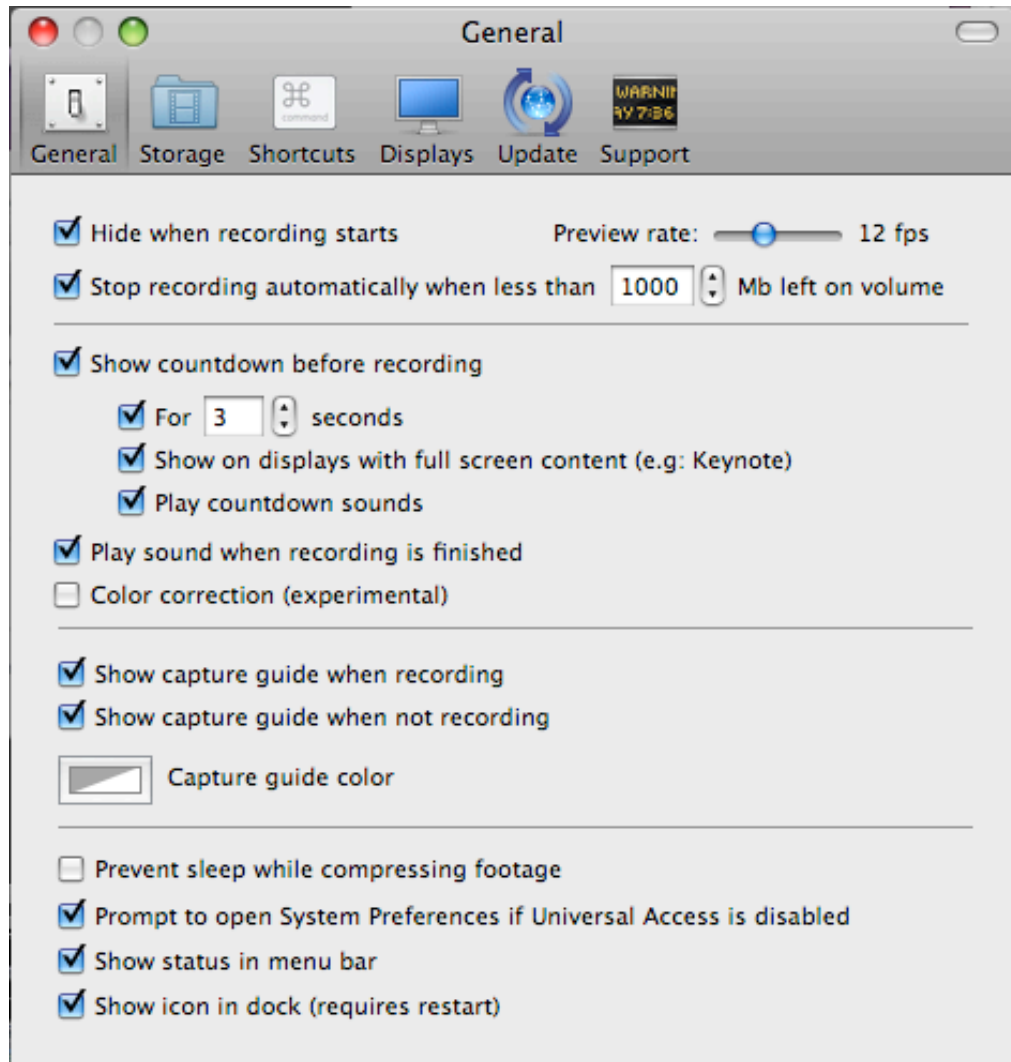


Check the Preferences in iShowU HD

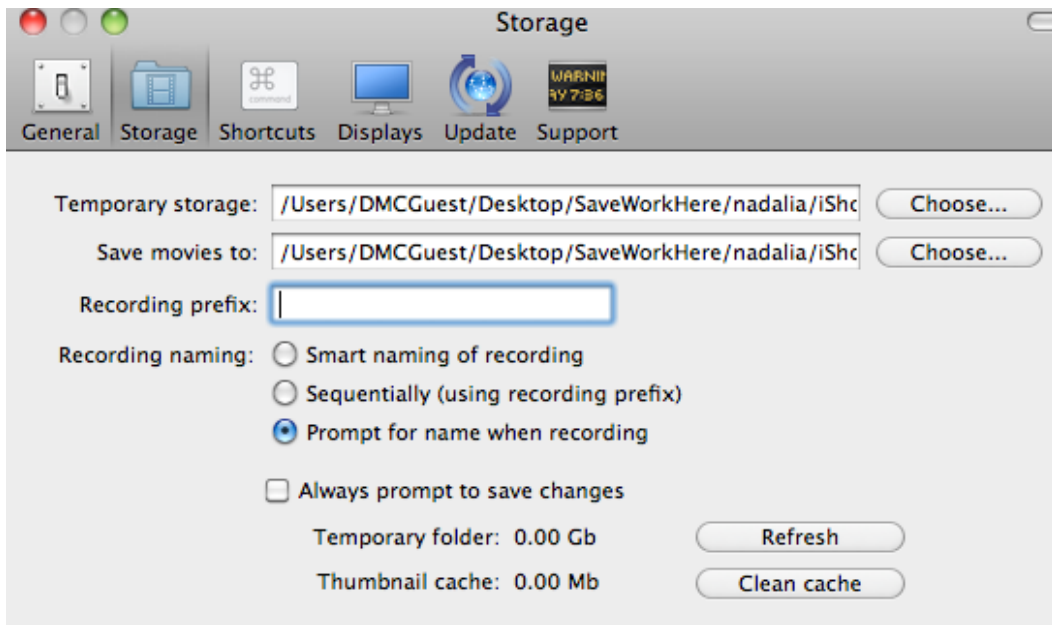
1. Open up iShowU HD on iMac in the Recording Booth by double clicking on iShowU HD



2. Under the **iShowU HD** top menu, click on **Preferences > General**, and make sure the following options are all checked:
 - **Show countdown before recording**
 - **For 3 seconds**
 - **Play countdown sounds**
 - **Show capture guide when recording** (A thick dark line is shown around the area being captured. This lets you know if something on screen will be in the video or not. You can choose a different capture guide color by clicking on the color rectangle to reveal the color wheel.)
 - **Prompt to open System Preferences if Universal Access is disabled**

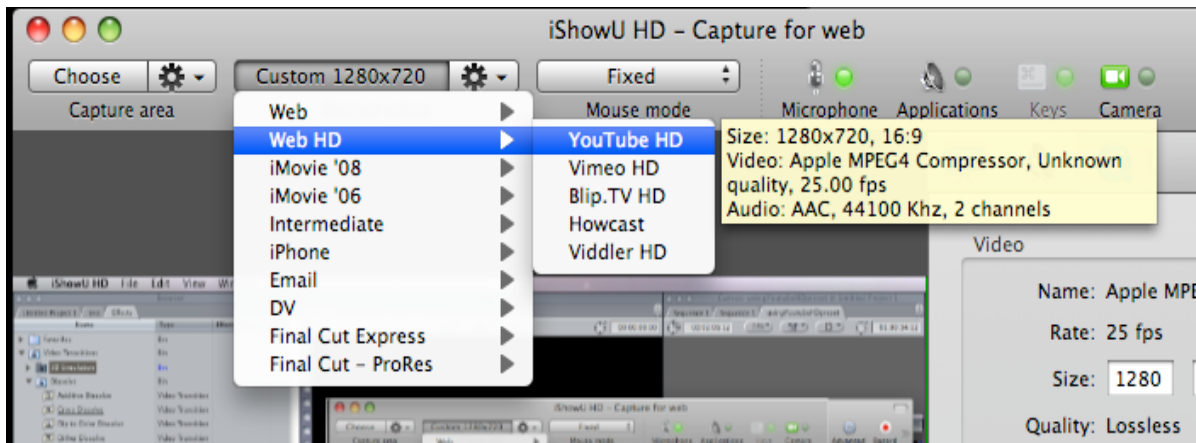


3. Click on **Storage** to define where you will save your movies.
 - Choose a folder **for Save movies to** so that all your captured movies will be saved in this folder. We recommend to save your files in **Desktop > SaveWorkHere > your folder**
 - Give a recording prefix if you want the names of your movies to be consistent.
 - Check **Prompt for name when recording** if you want more control over the name of each individual movie

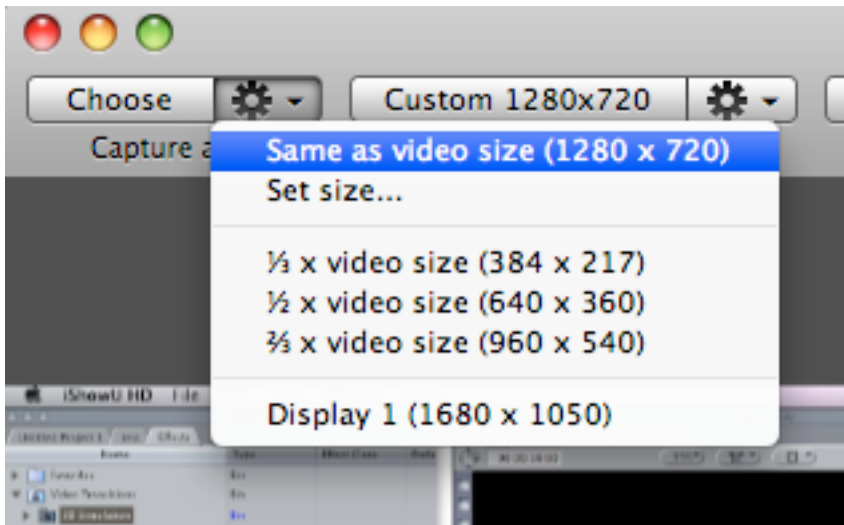


For YouTube

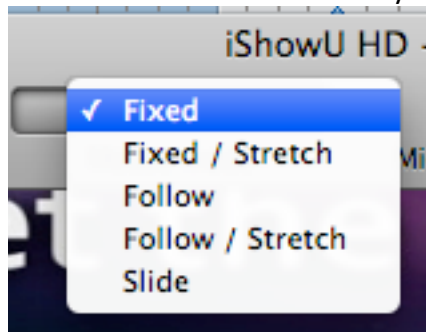
1. Choose **Web HD > YouTube HD** as your **Output video** size and format



2. Choose **Capture area Same as video size (1280 x 720)**



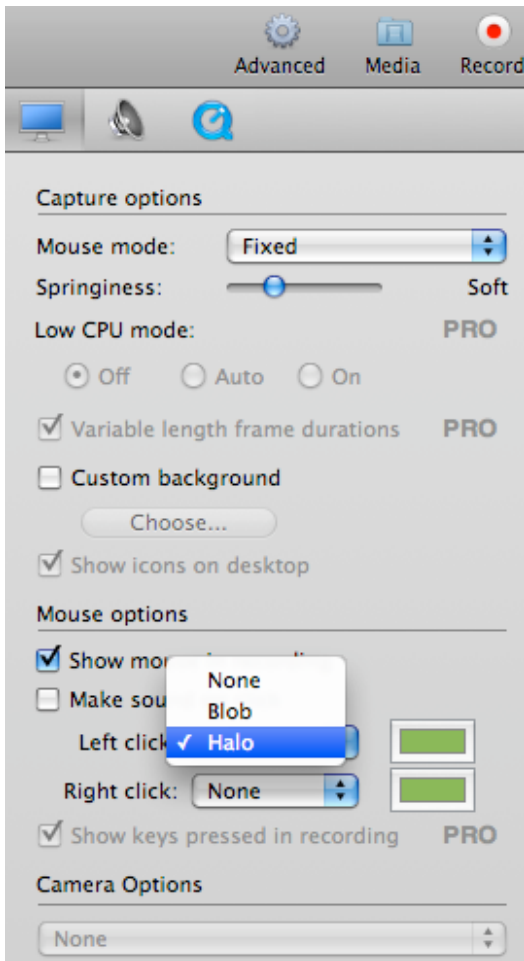
3. Click on **Choose** to reposition your capture window and make sure your capture target fits into capture area (1280 x 720), then press **Return** on your keyboard to confirm the selection.
4. Choose **Mouse mode**
Depending on what you're capturing and who your final audience is, you'll want to change the way that the camera follows the mouse. There are five modes available in iShowU HD, but we will only introduce three of the most-commonly used modes:



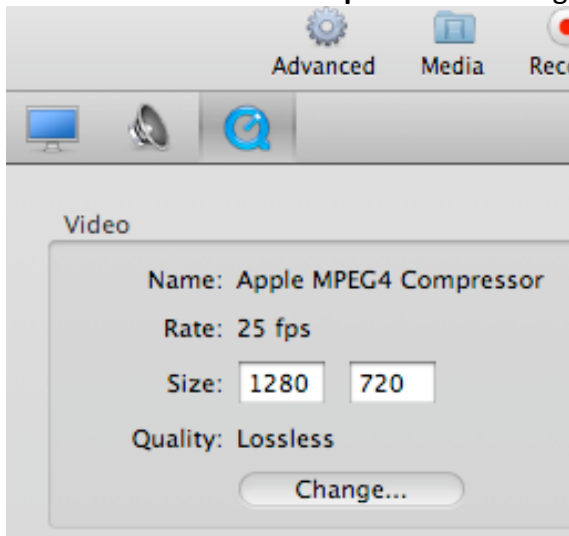
- **Fixed** – **highly recommended** for most onscreen capturing. The camera will not move at all, just choose your capture area and the camera will stay put.
- **Follow** – **not recommended**. The camera tracks your cursor as you move the mouse. This will generate a larger file size compared to Fixed mode. Your video may look choppy if you move your mouse too fast.
- **Slide** – **recommended for capturing a web application**. It operates like a set of vertical rails on the capture area. The camera slides up and down with the mouse, but remains fixed against the left and right bounds of the capture window.


5. Turn on the green light next to **Microphone** to enable voiceover recording
6. Click on the **Advanced** button to open **Advanced panel**. Make sure **Show Mouse in recording** is checked. Mouse **Left/Right click** are mouse click overlays. You can see the result in the preview area-so go ahead and see if you like it.

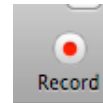




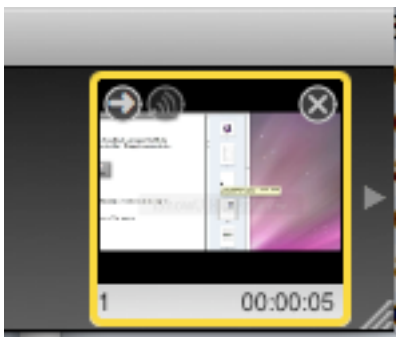
7. Click on **Video and audio options** and change the **Compressor Quality** to **Best (Lossless)**



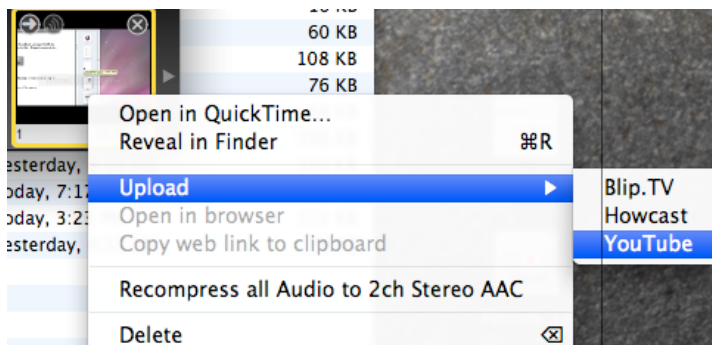
8. Click on speaker icon  to check the Microphone/External input. Make sure **Record sound from input device** is checked and choose **MobilePre** from the dropdown list.



9. Hit the **Record** button to start recording your movie.
10. Press **Shift+Command+2** (or select **Stop** from the drop down menu at the top of the screen in the menu bar) to stop capture. The finished recording will appear at the bottom of the screen.



11. Before uploading it to YouTube, let's make sure it looks good. Just select the recording (you'll see a yellow highlight around it) and then press **Space** to enter QuickLook (or double click on it to play your movie with QuickTime player).
12. If everything is OK, **Right-Click** the recording and choose **Upload ->YouTube**. Enter in your account details and some descriptive information about the video and press **OK**.



13. Click the **Upload** button to begin. After a brief pause, you'll see an upload progress bar.



14. That's it! You're done.

Recording Tip:

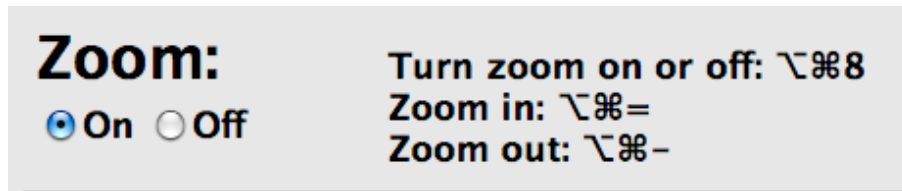


Using Zoom function

It is highly recommended that you zoom in on some capture areas while recording in order to produce a higher quality of video and give your audience enough detail. Below are the screenshots to show the difference before and after using zoom function:

| Before | After |
|--|--|
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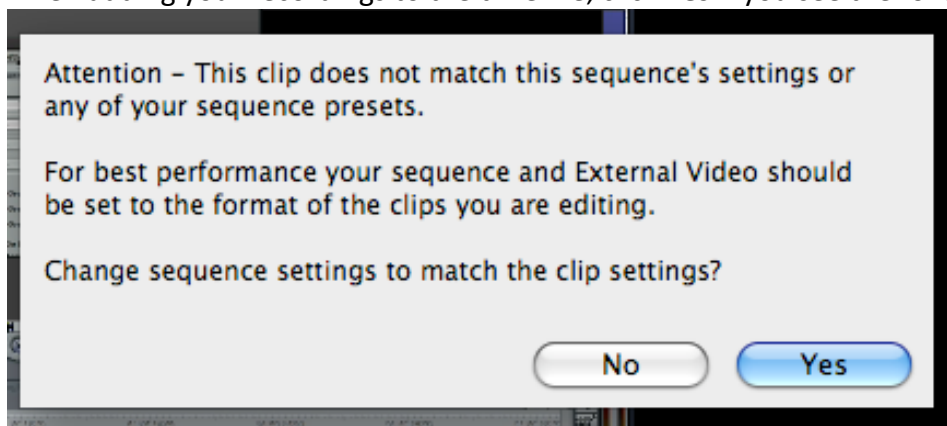
Since we have turned on the **Zoom** function on page 1, you can simply use it anytime you want to zoom into a particular area by holding down **Option + Apple + =** on your keyboard. To zoom out, press down **Option + Apple + -**.



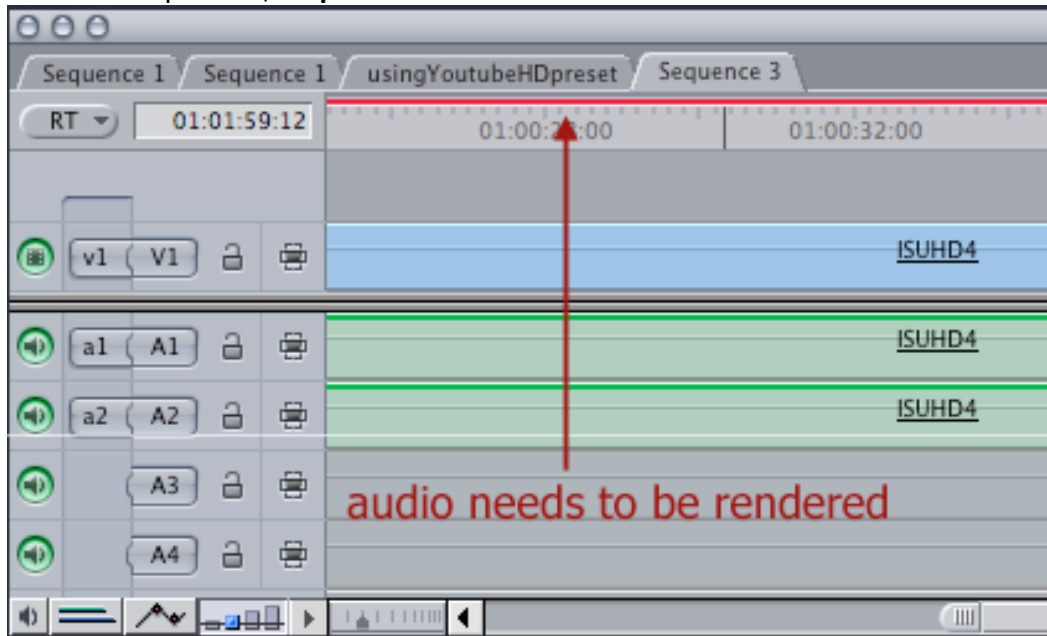
For Use with FCP (Final Cut Pro)

If you want to bring your recordings into Final Cut Pro to edit or mix with other medias, but still want to export your finished sequence for YouTube, you can **refer to the guide from page 1-7** to create a video with YouTube setup in iShowU HD, then import it into FCP. Follow the steps below to export your finished video from FCP for web. For more information on using Final Cut Pro, please visit our website at <http://library.rice.edu/services/dmc/guides>

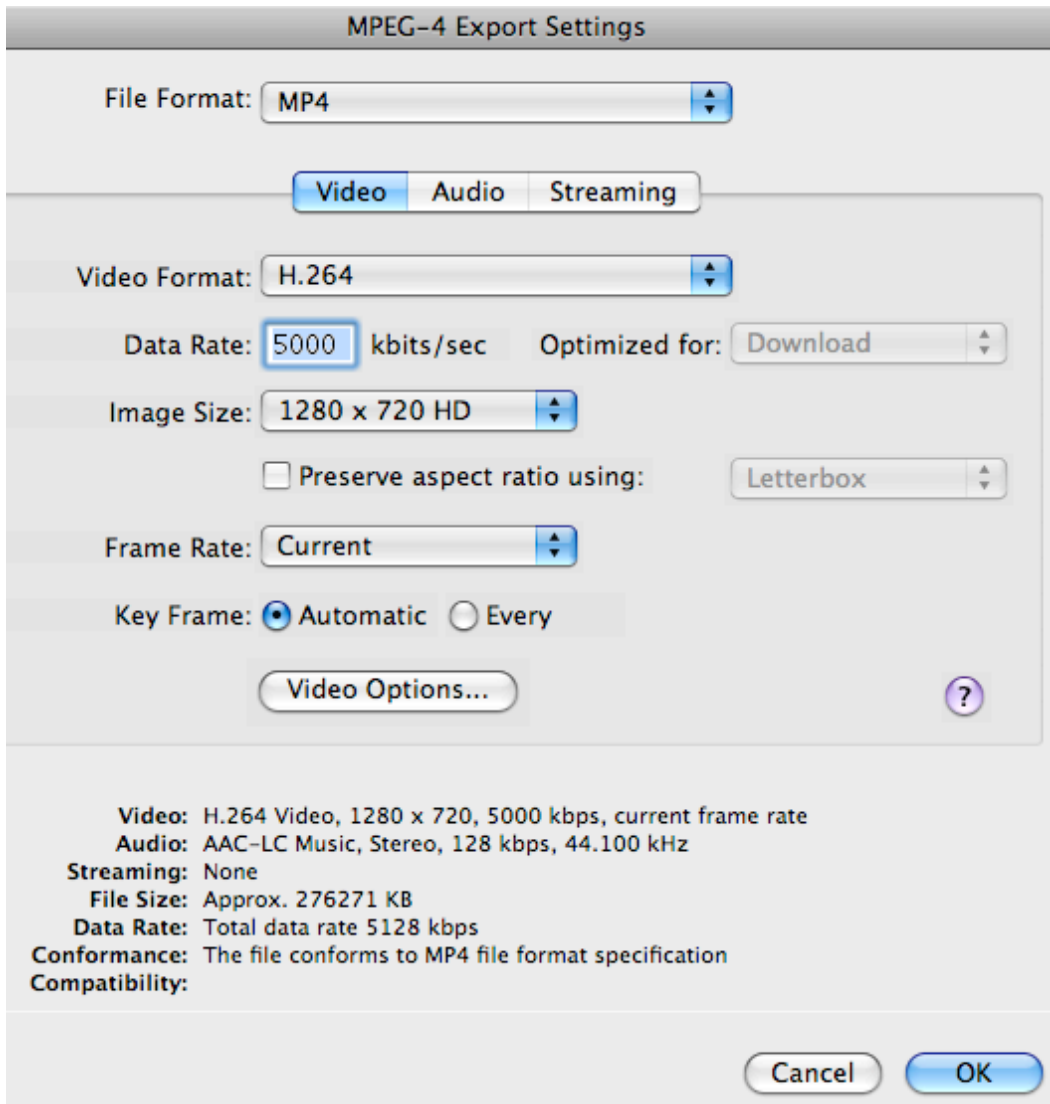
1. Open up FCP, and drag your recording directly into FCP browser window.
2. When adding your recordings to the timeline, click **Yes** if you see the following message



3. You will see a red bar appear indicating that the audio needs to be rendered for playback. Go to FCP top menu, **Sequence > Render > Audio**.



4. When your sequence is ready to export, go to **File > Export Using QuickTime Conversion**, choose **MPEG-4** as the file format (not **MP4(ISMA)**), then click on **Options..** to open the following window-



Make sure **Video Format is H.264, Data Rate is 5000 kbits/sec, Image Size is 1280x720 HD, Frame Rate is Current, Key Frame is Automatic**. If all your settings are the same as the picture shows, click on **OK** to export.

If you want to export your recordings from Final Cut Pro to **DVD**, you need to choose **FCP express settings** as your output video settings instead of YouTube HD. For more information, please contact DMC staff - **Nadalia Liu (nadalia@rice.edu)**.