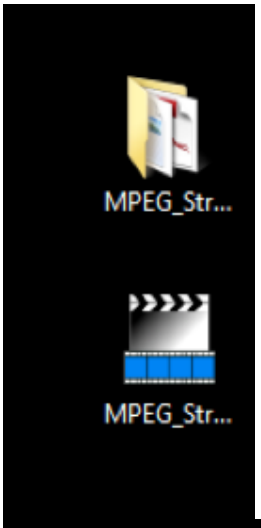
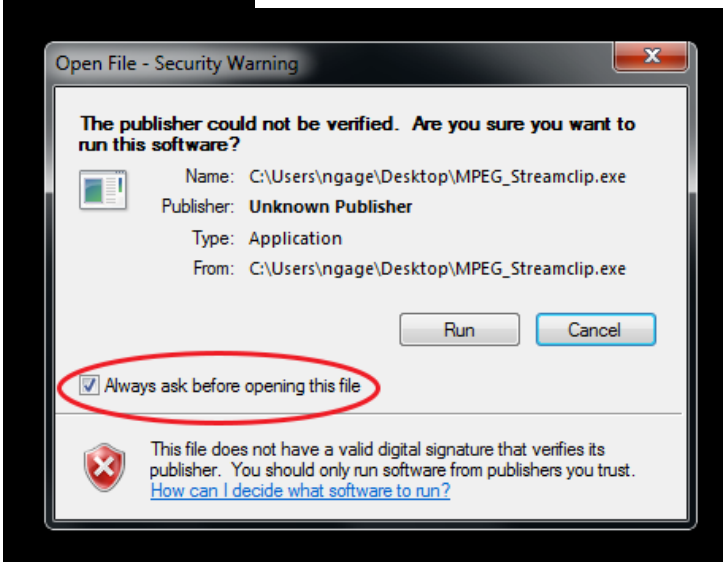
Converting your DVD to a Program File — Mac

For your Protection: There is no such thing as perfect software, often a software program may have several issues and could potentially have security vulnerabilities that can leave your computer open to attacks and/or compromise your computer and your data. The Edina Playback Facility recommends that you backup your computer prior to making any system changes such as, but not limited to, installing or removing software programs. The EPF makes no representations about the suitability of the information contained in the "Help documentation" and related materials for any purpose. All such documents are provided "as is" without warranty of any kind. The EPF is not responsible for computer malfunction, data loss or any other system failures resulting from following EPF's Help Documentation.

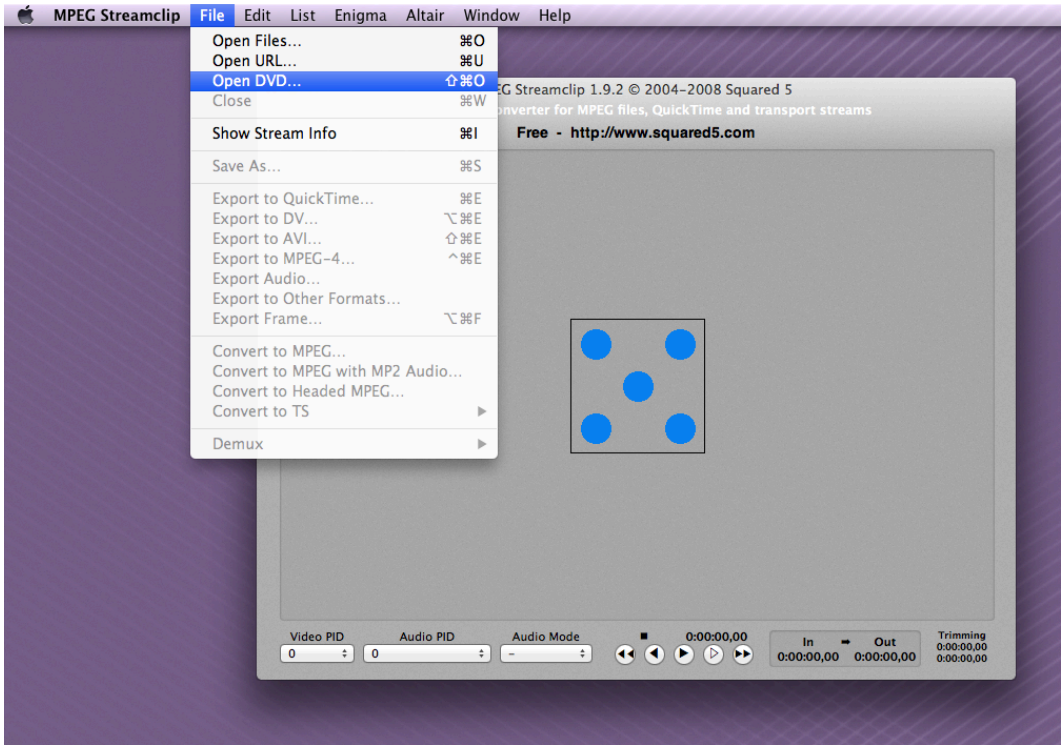
1. To convert your DVD into a file that you upload for 'electronic file submission,' open the program 'MPEG STREAMCLIP.' There should be an icon on your desktop that looks like this:



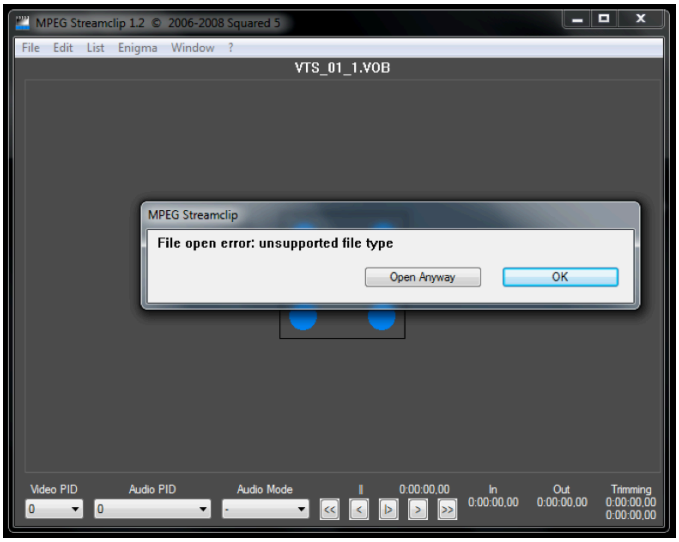
(When you first open the program, you will more than likely see a **Security Warning.** Uncheck the **Always ask before opening this file** box and hit **Run.** This is a **safe** program.)



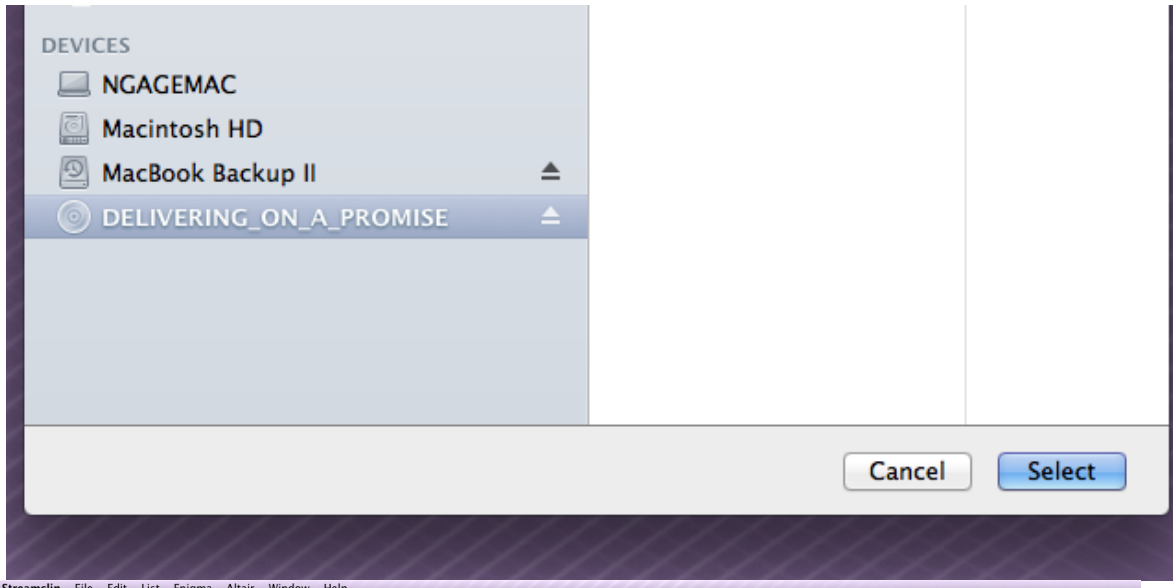
2. When you open up the program, it will look like a square with 5 blue dots in the middle. **Go to File** -> **Open DVD.**

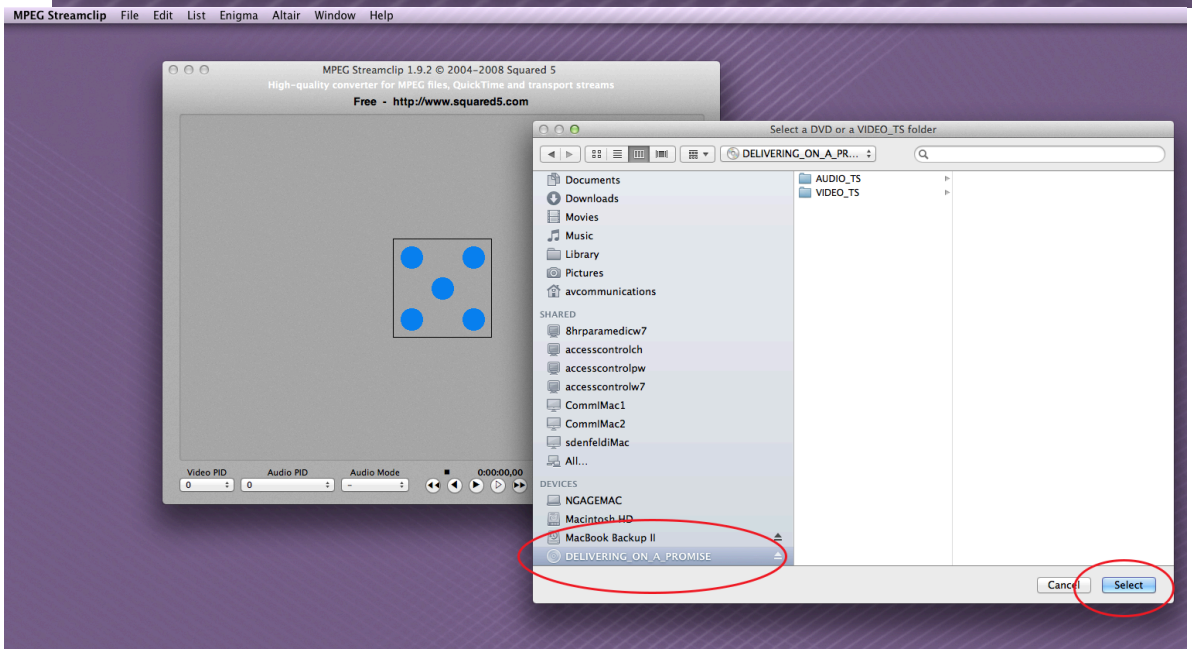


(Note: In rare circumstances, you will an 'Unsupported File Type' error after trying to open the DVD. Hit **Open Anyway.**)

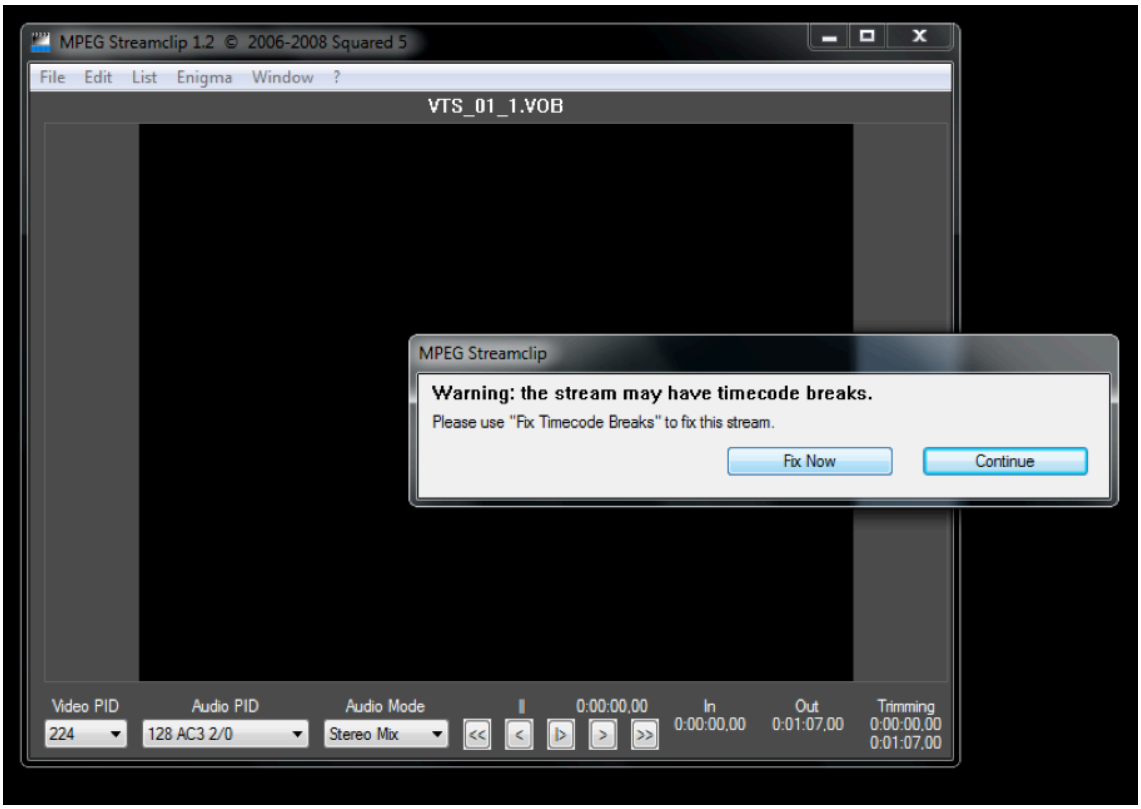


3. After you do this, a window will pop up. You will need to navigate to your DVD in the Finder, highlight it, and hit **Select.**

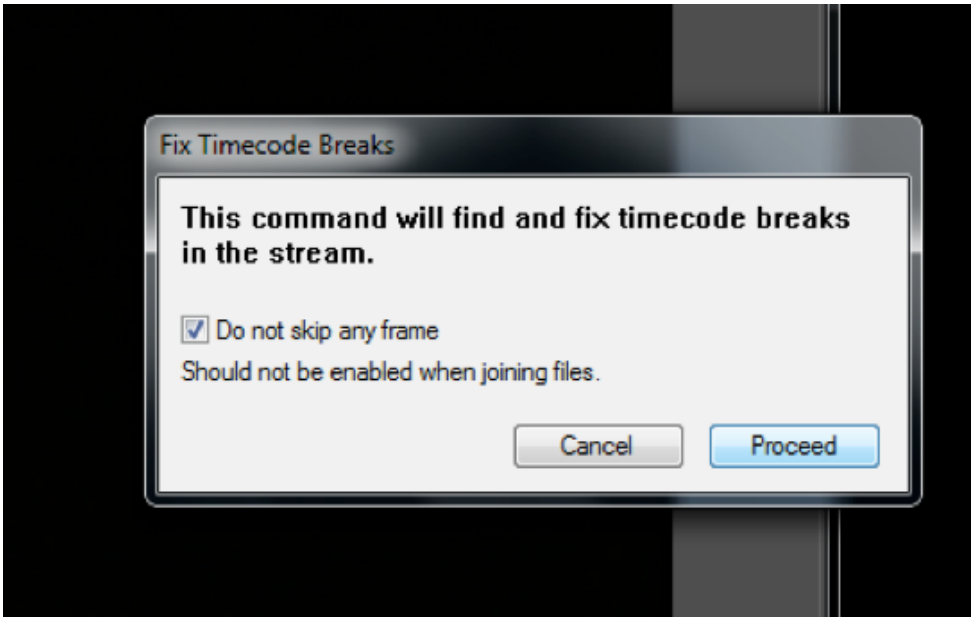

DEVICES
NGAGEMAC
Macintosh HD
MacBook Backup II
DELIVERING_ON_A_PROMISE
Cancel
Select


MPEG Streamclip File Edit List Enigma Altair Window Help
MPEG Streamclip 1.9.2 © 2004-2008 Squared 5
High-quality converter for MPEG files, QuickTime and transport streams
Free - http://www.squared5.com
Video PID
Audio PID
Audio Mode
0:00:00.00
Select a DVD or a VIDEO_TS folder
DELIVERING_ON_A_PR...
Documents
Downloads
Movies
Music
Library
Pictures
avcommunications
SHARED
8hrparamedicw7
accesscontrolch
accesscontrolpw
accesscontrolw7
CommIMac1
CommIMac2
sdenfeldiMac
All...
DEVICES
NGAGEMAC
Macintosh HD
MacBook Backup II
DELIVERING_ON_A_PROMISE
AUDIO_TS
VIDEO_TS
Cancel
Select

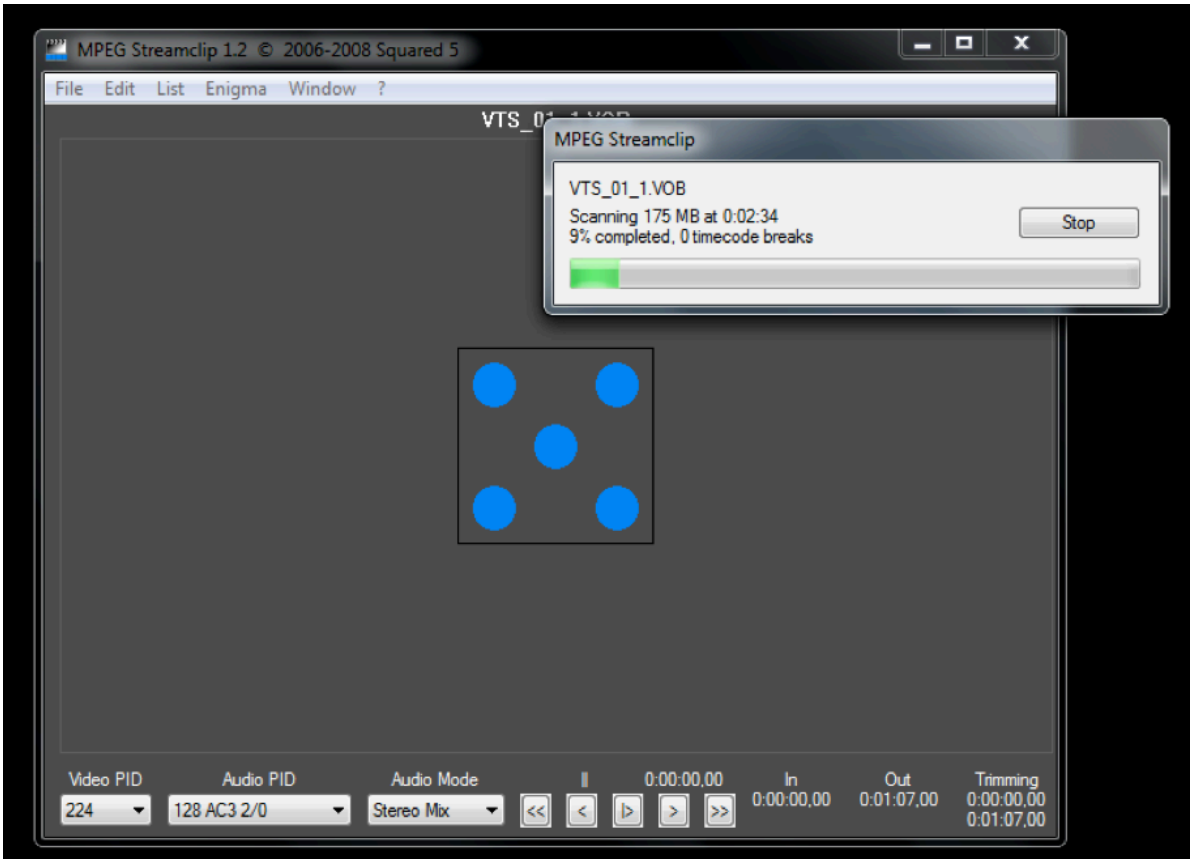
4. After you hit ‘OK,’ you might see a window that says ‘The stream may have timecode breaks.’ Hit ‘Fix Now.’ If you do **not** see this message, **move to step 8**.



5. This will seem redundant, but then a window will come up that says ‘This command will find and fix timecode breaks.’ Hit ‘Proceed.’

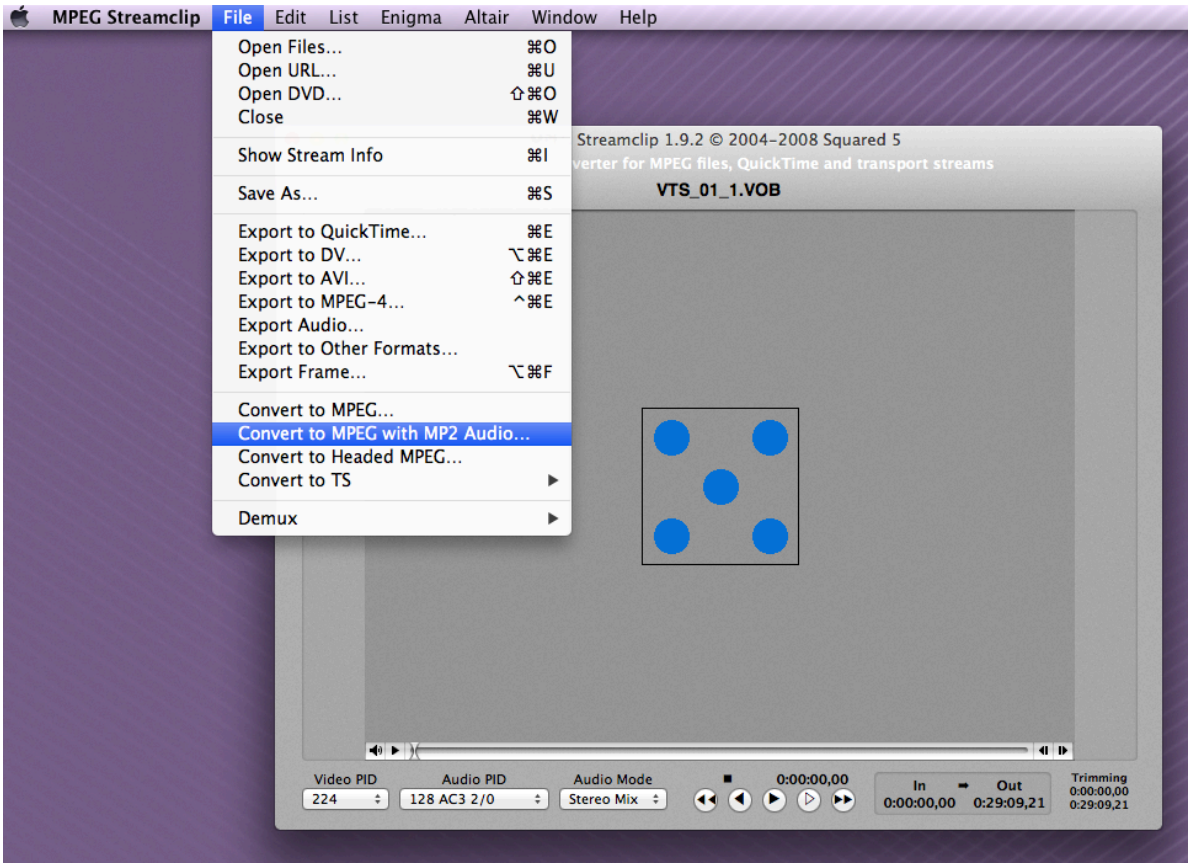


6. Let this process finish. You will see a status bar to tell you how far along it is.



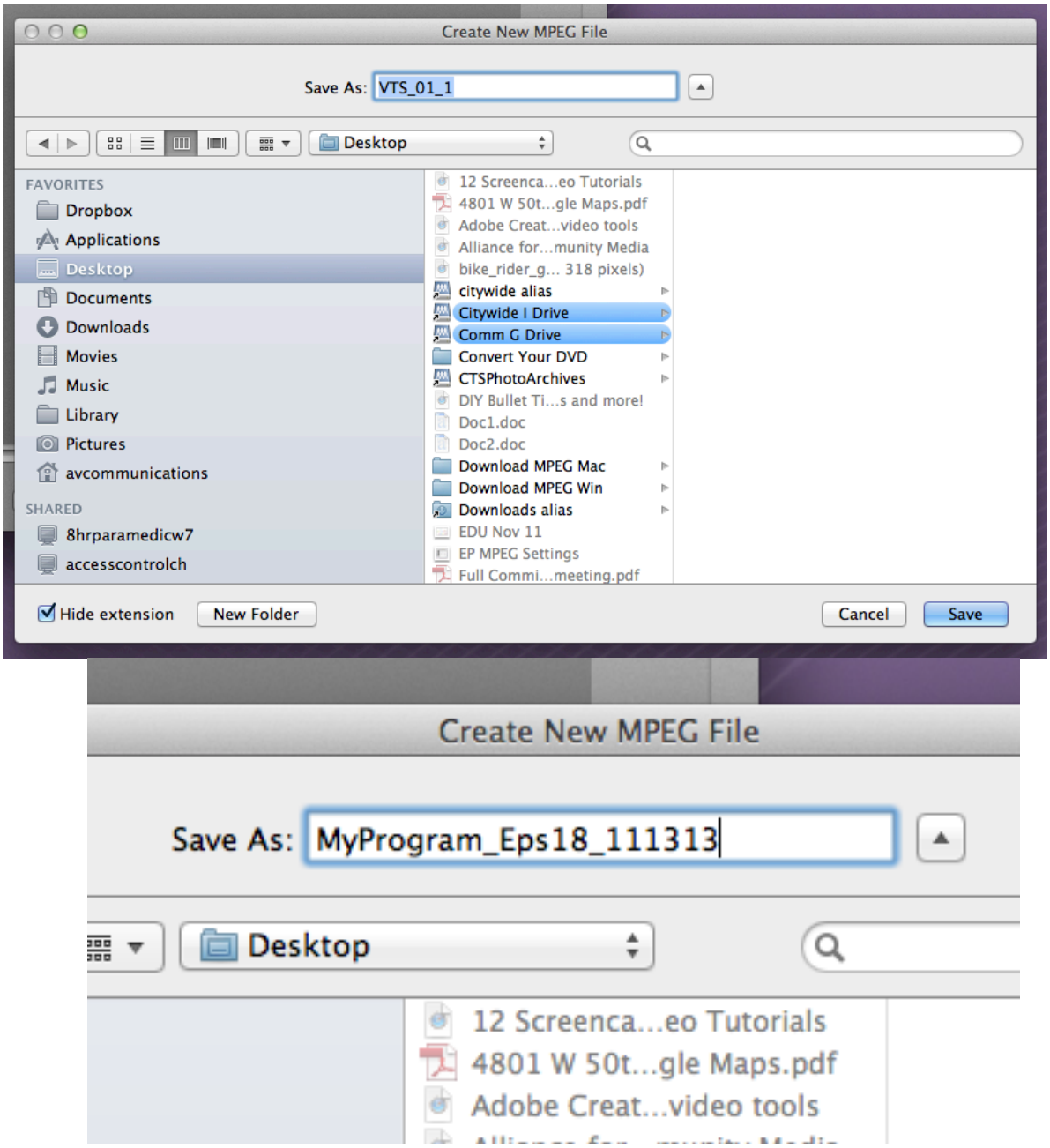
7. (Note: If you are coming from step 3, give the DVD a half a minute or so to open in the program.)

You are ready to convert your DVD into a file that can be electronically uploaded. **Go to File** -> **Convert to MPEG with MP2** audio.



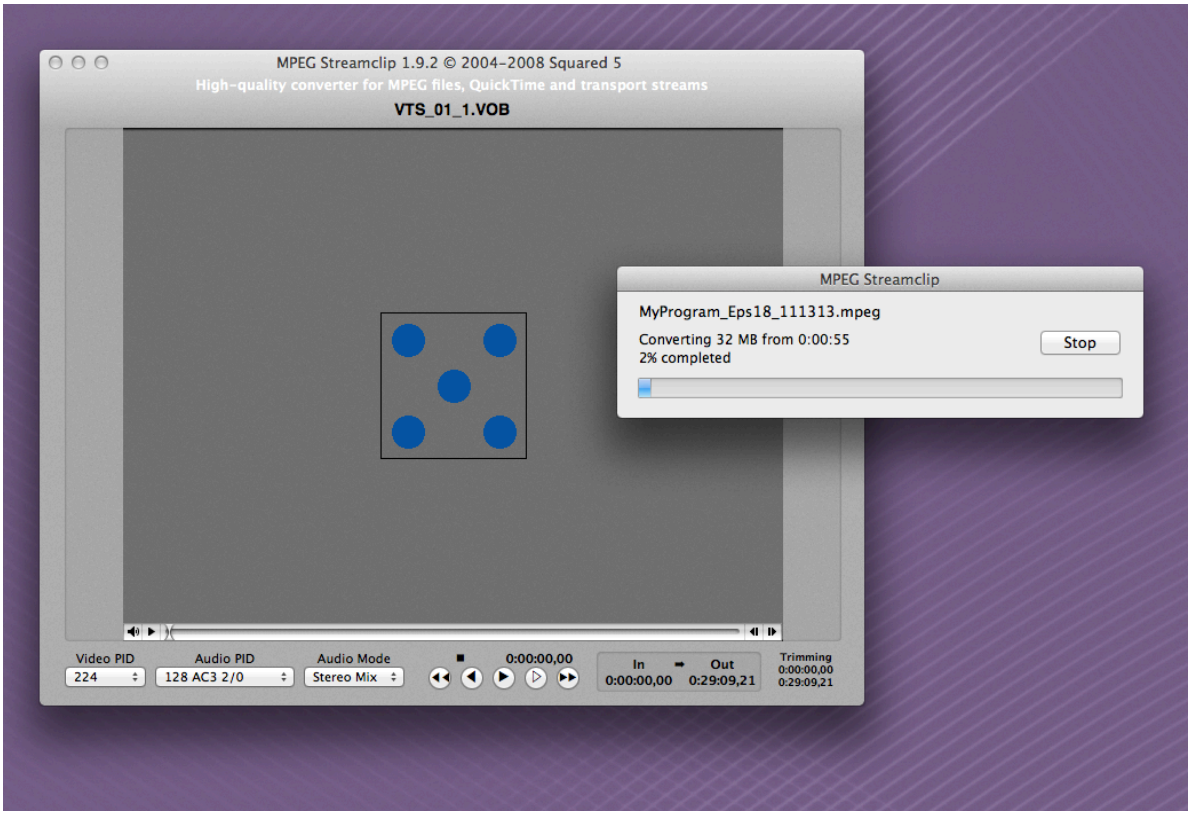
8. You will immediately be prompted to save this new MPEG file. Saving your file to the desktop makes it easier to find later when uploading your program to the Edina Playback Facility's FTP server.

The naming convention for program upload is:
ProgramTitle_SUBMISSIONDATE_EPISODEINSERIES

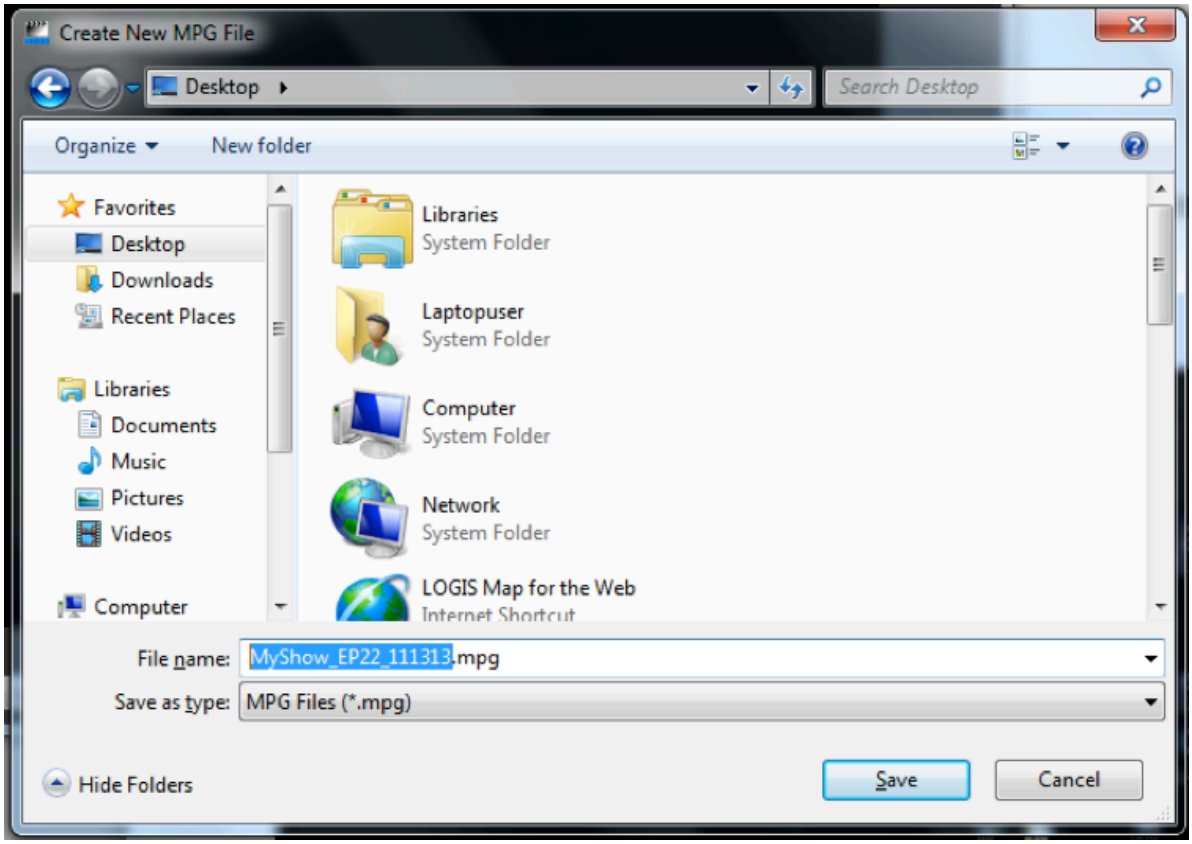

Create New MPEG File
Save As: VTS_01_1
Desktop
FAVORITES
Dropbox
Applications
Desktop
Documents
Downloads
Movies
Music
Library
Pictures
avcommunications
SHARED
8hrparamedicw7
accesscontrolch
12 Screenca...eo Tutorials
4801 W 50t...gle Maps.pdf
Adobe Creat...video tools
Alliance for...munity Media
bike_rider_g... 318 pixels)
citywide alias
Citywide I Drive
Comm G Drive
Convert Your DVD
CTSPhotoArchives
DIY Bullet Ti...s and more!
Doc1.doc
Doc2.doc
Download MPEG Mac
Download MPEG Win
Downloads alias
EDU Nov 11
EP MPEG Settings
Full Commi...meeting.pdf
Hide extension
New Folder
Cancel
Save

Create New MPEG File
Save As: MyProgram_Eps18_111313
Desktop
12 Screenca...eo Tutorials
4801 W 50t...gle Maps.pdf
Adobe Creat...video tools

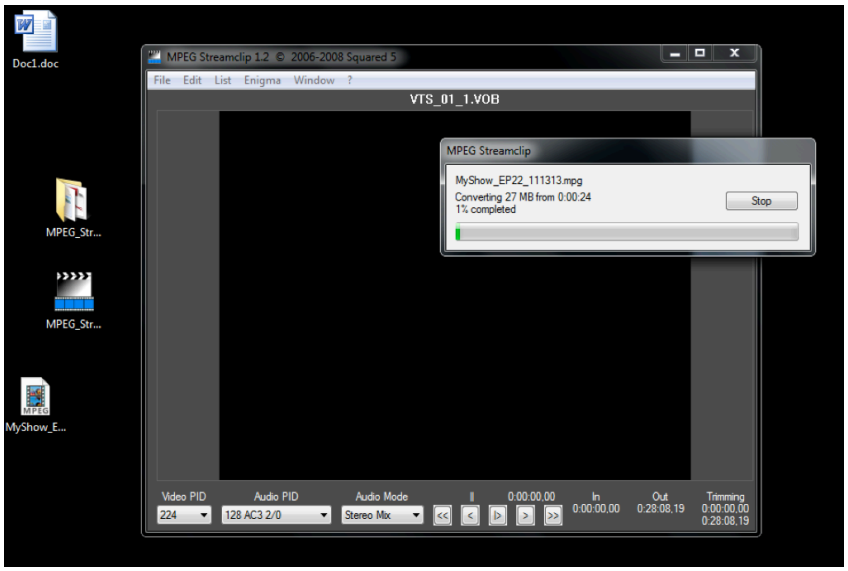
9. Then hit the ‘Save’ button. Once you do, the process may take awhile depending upon how long the program is. You will see a status bar like you do in the picture from step 7. When this process is finished, your program file for electronic submission will have been created. Close out MPEG Streamclip.



In the ‘File Name’ text field as the bottom, select or highlight the default name of VTS_01 and replace it will your show name. The naming convention for program upload is: ProgramTitle_SUBMISSIONDATE_EPISODEINSERIES



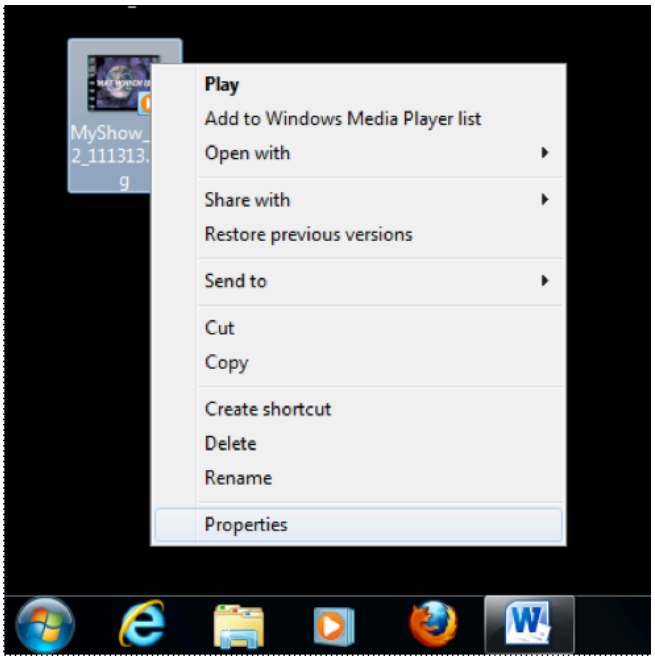
9. Then hit the ‘Save’ button. Once you do, the process may take awhile depending upon how long the program is. You will see a status bar like you do in the picture from step 7. When this process is finished, your program file for electronic submission will have been created. Close out MPEG Streamclip.



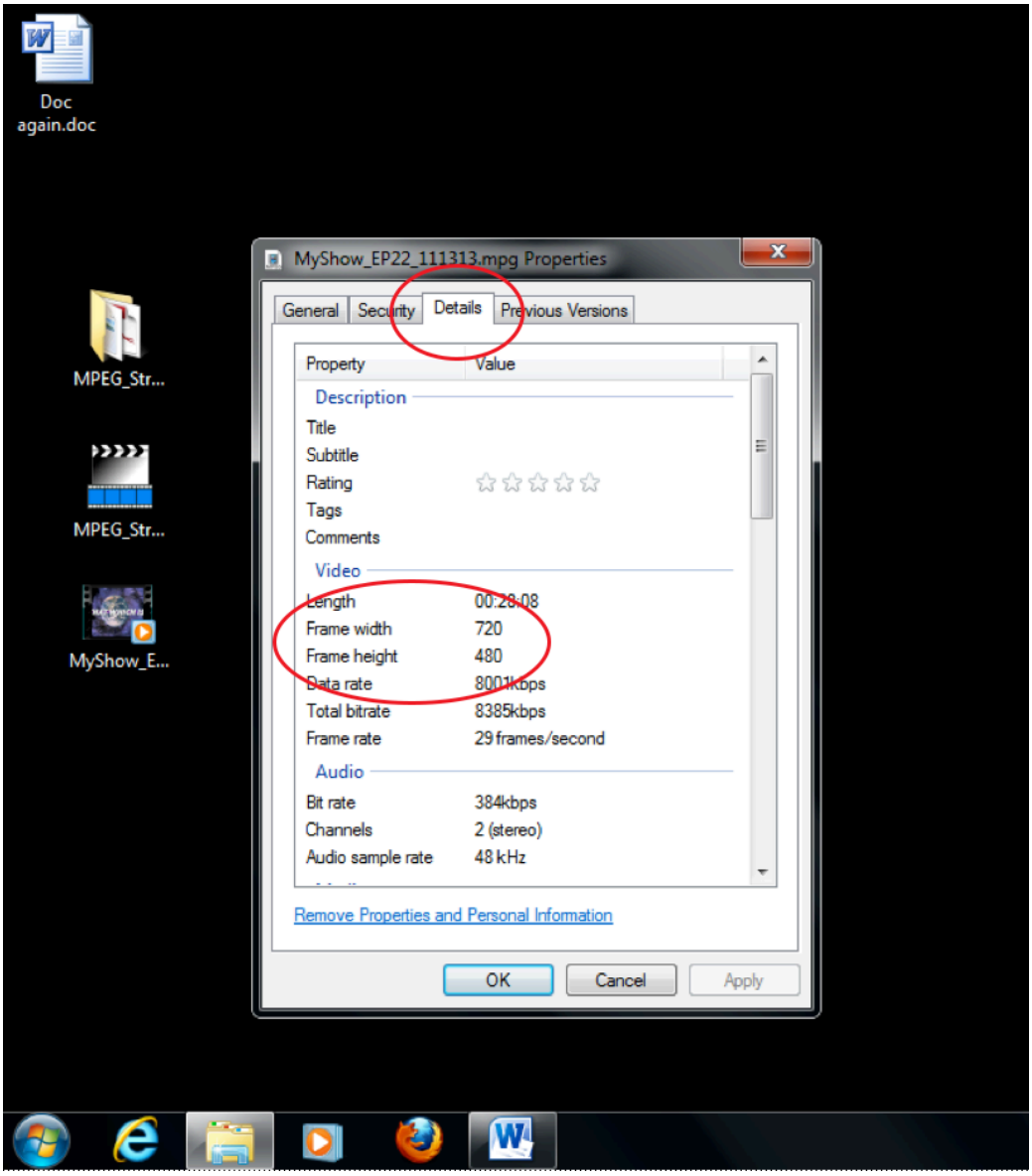
ALTERNATIVE CONVERSION FOR FRAME SIZE ISSUES

The vast majority of DVDs will be able to convert their media using Step 7. Unfortunately, this method occasionally produces files that have the wrong frame size for playback on SWTV.

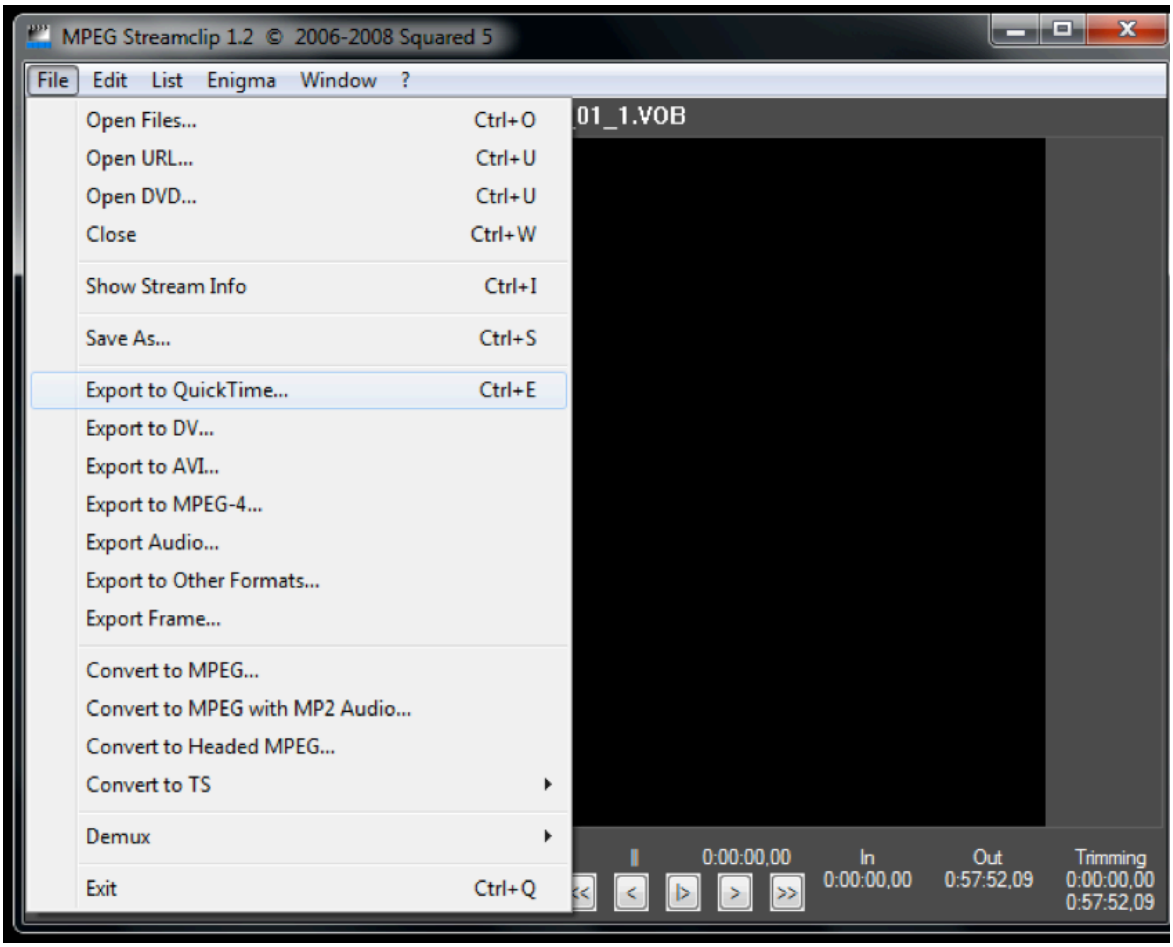
1. To double check, find the file on your desktop, click on it with your second mouse button and go to Properties.



2. Go to the **Details** tab, and look for **Frame Width** and **Frame Height.**
If the value says anything other than 720 and 480 respectively, you will need to substitute the following steps for Step 7 before proceeding to Step 8.



2. You are ready to convert your DVD into a file that can be electronically uploaded. **Go to File** -> **Export to Quicktime**.



3. Look at the following images carefully and match all of your settings likewise:

   Compression: H.264 or H.264 Encoder

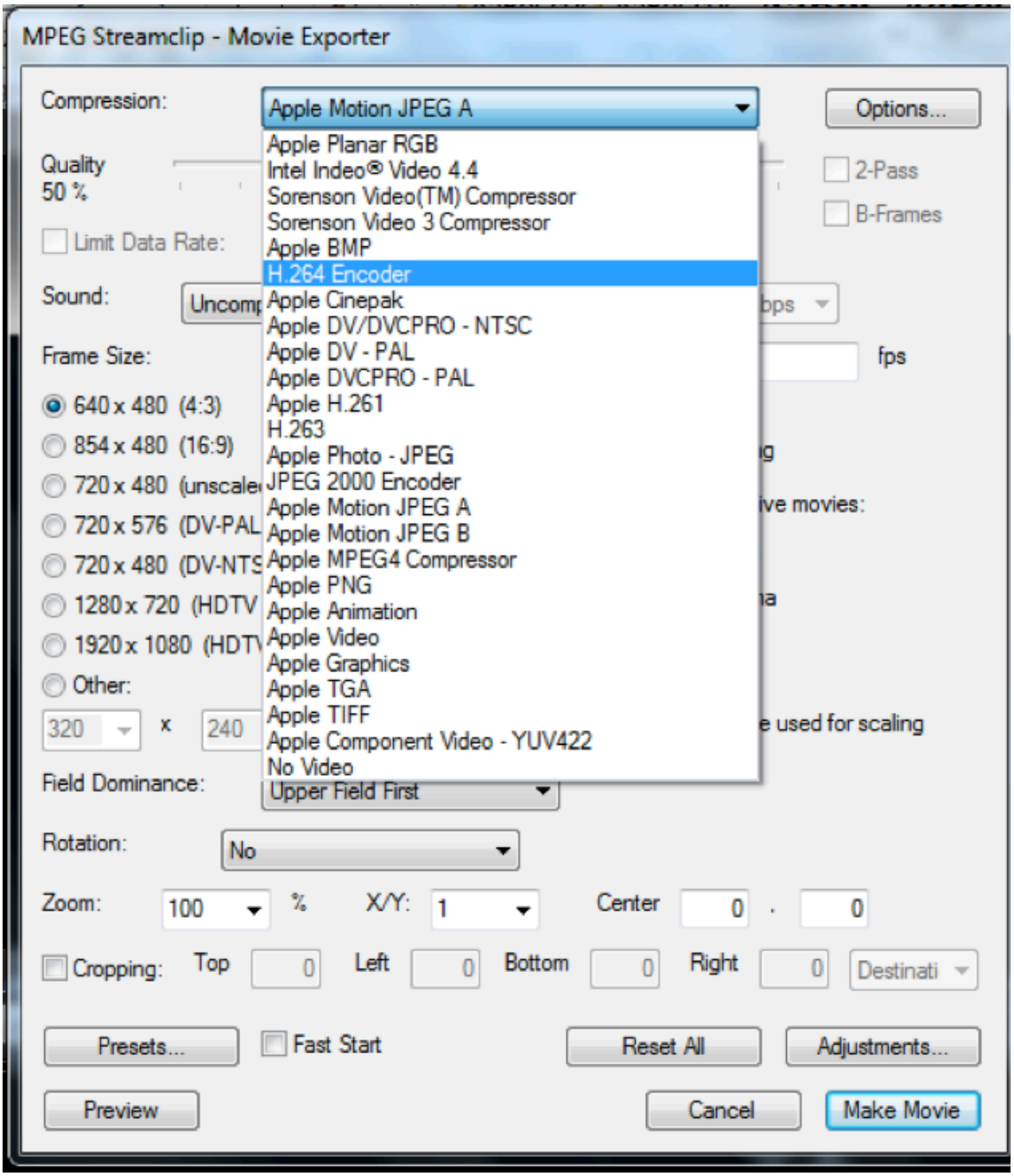
   Quality: Set the slider to 100%

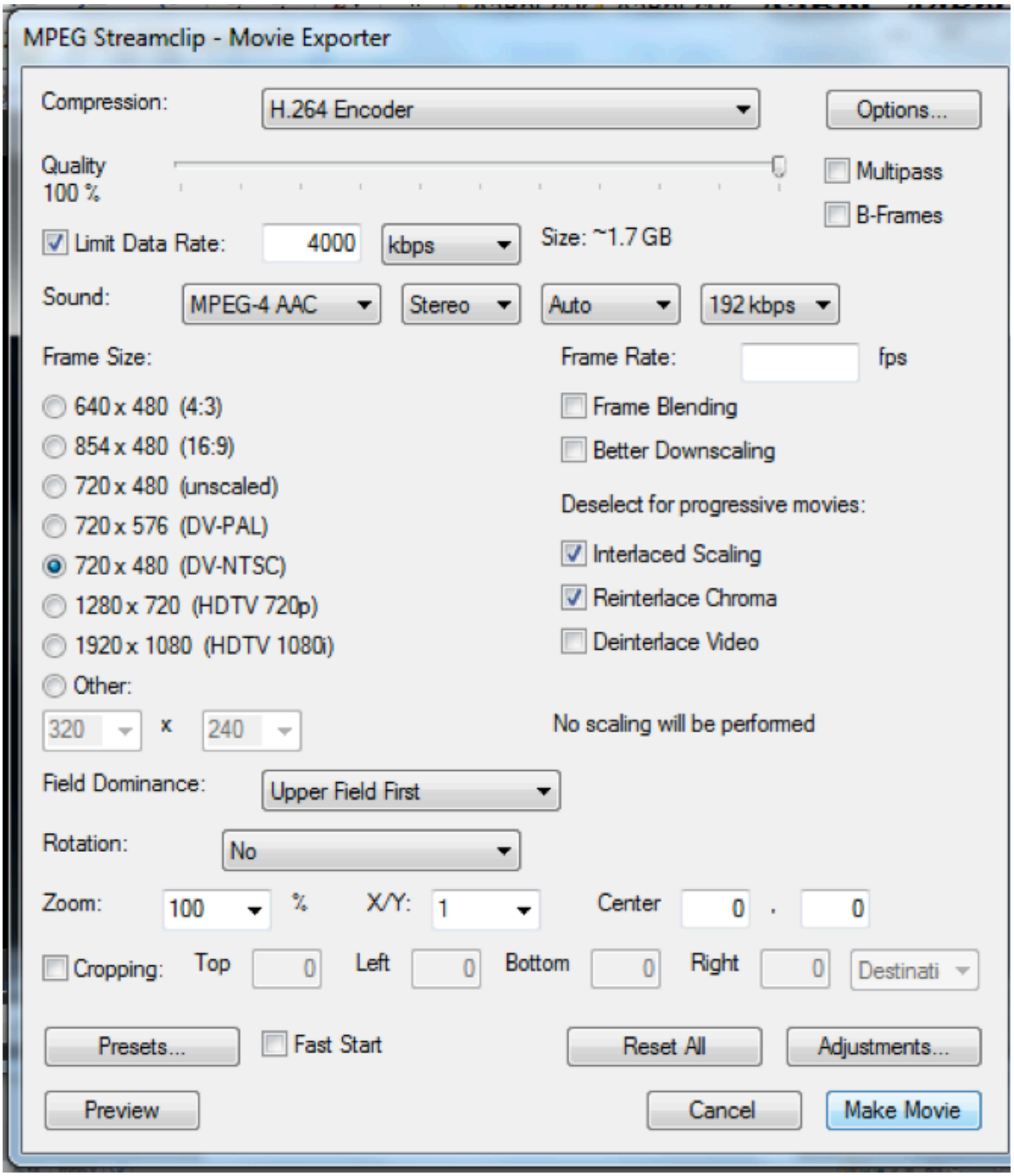
   Limit Data Rate: Check this box and enter ‘4000’ as your value

   Sound: Drop down the menu and choose MPEG-4 AAC. Also change the 256 kbps to 192 kbps.

   Frame Size: 720x480 (DV-NTSC)

   None of the other settings really matter except under exceptional circumstances.


MPEG Streamclip - Movie Exporter
Compression:
Apple Motion JPEG A
Options...
Apple Planar RGB
Intel Indeo® Video 4.4
Sorenson Video(TM) Compressor
Sorenson Video 3 Compressor
Apple BMP
H.264 Encoder
Apple Cinepak
Apple DV/DVCPRO - NTSC
Apple DV - PAL
Apple DVCPRO - PAL
Apple H.261
H.263
Apple Photo - JPEG
JPEG 2000 Encoder
Apple Motion JPEG A
Apple Motion JPEG B
Apple MPEG4 Compressor
Apple PNG
Apple Animation
Apple Video
Apple Graphics
Apple TGA
Apple TIFF
Apple Component Video - YUV422
No Video
Quality
50 %
2-Pass
B-Frames
Limit Data Rate:
Sound:
Uncomp
bps
Frame Size:
fps
640 x 480 (4:3)
854 x 480 (16:9)
720 x 480 (unscale
720 x 576 (DV-PAL
720 x 480 (DV-NTS
1280 x 720 (HDTV
1920 x 1080 (HDTV
Other:
320
x
240
ive movies:
e used for scaling
Field Dominance:
Upper Field First
Rotation:
No
Zoom:
100
%
X/Y:
1
Center
0
0
Cropping:
Top
0
Left
0
Bottom
0
Right
0
Destinati
Presets...
Fast Start
Reset All
Adjustments...
Preview
Cancel
Make Movie



4. Hit **Make Movie** to export this file. You should now be able to refer back to Step 8 in this document and follow along.