



ADVCmini

ANALOG/DIGITAL CONVERSION FOR MAC

Release Notes

Software Version 1.0 (August 2010)

www.grassvalley.com

Video quality settings

The ADVC capture software has THREE video quality settings. We strongly recommend using the default setting (center position of the slide bar) to maintain a good balance between quality and file size.

The video quality settings are explained below:

Slider positioned Center (default)

Suitable for capturing files for iDVD, iMovie or Final Cut Pro, for video editing or burning DVD. File size is 180MB/min (approx.).

Please note: this setting creates a file which is incompatible with a PC running under the Windows operating system.

Slider positioned to the left

The captured file is compatible with a PC running under the Windows operating system. Use this position if you need to load the file onto a Windows OS machine for playback, editing or burning a DVD. File size is 217MB/min (approx.).

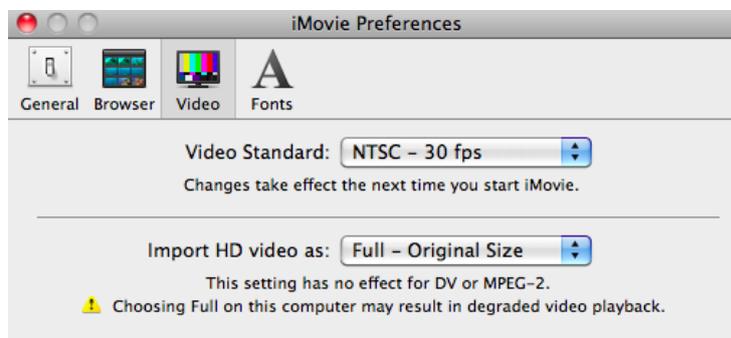
Slider positioned to the right

The captured file is uncompressed and compatible with a PC running under the Windows operating system. File size is 1GB/min (approx.).

Burning a DVD after using non-default capture setting

If video is captured *after* moving the quality slider from the default setting (either left or right), and then dragging and dropping the file onto iDVD, the video image will be vertically compressed when playing the burned DVD. To correct this problem:

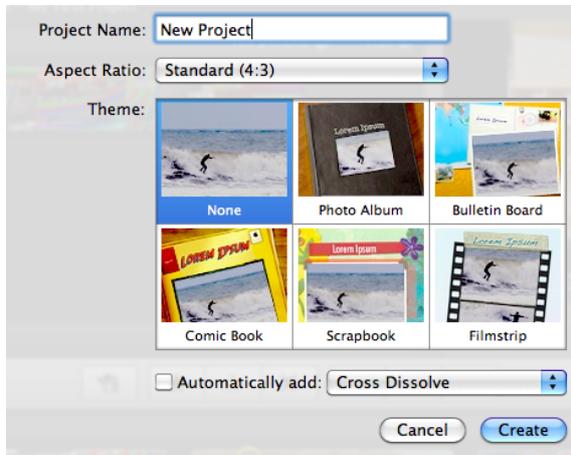
1. Start iMovie and choose [iMovie] > [Preferences].
2. 'iMovie Preferences' will appear.
3. Click 'Video' icon and set following parameters:



NB: or you can set it to PAL – 25 fps if that is the format you are using

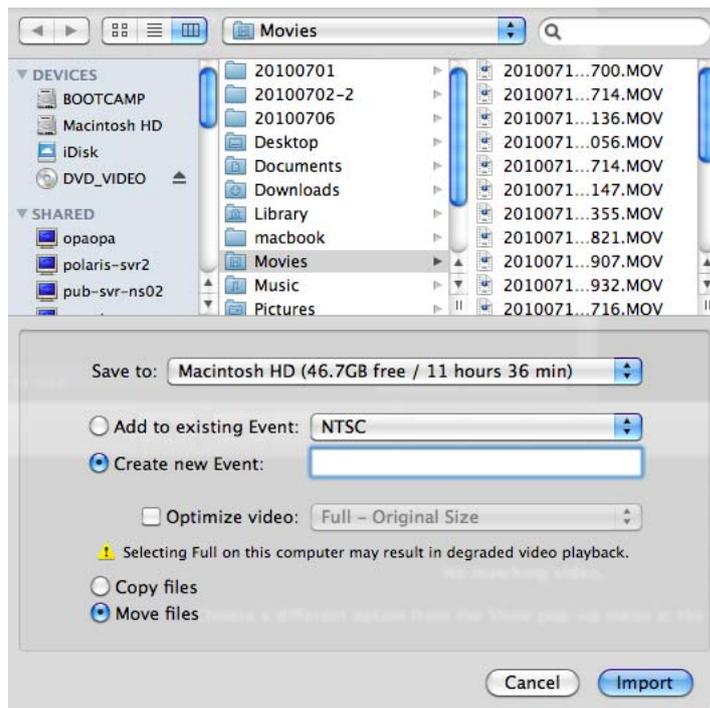
4. Quit Preferences and restart iMovie to accept the changes

- After restarting iMovie, choose [File] > [New Project] and adjust settings as shown below, then click [Create] button.



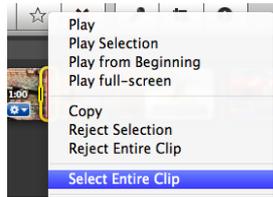
NB: make sure that Aspect Ratio is set to 'Standard (4:3)'.

- Load the movie file into the Event Library.



NB: 'Optimize video' option must be unchecked. If this option is enabled, transcoding occur.

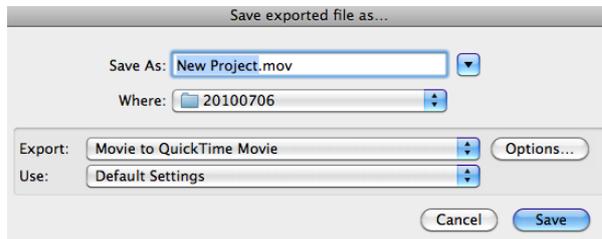
7. 'Select Entire Clip' from context menu.



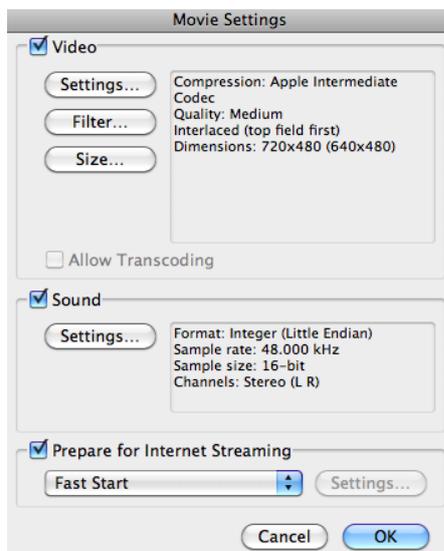
8. Drag and drop onto the Project Library area.



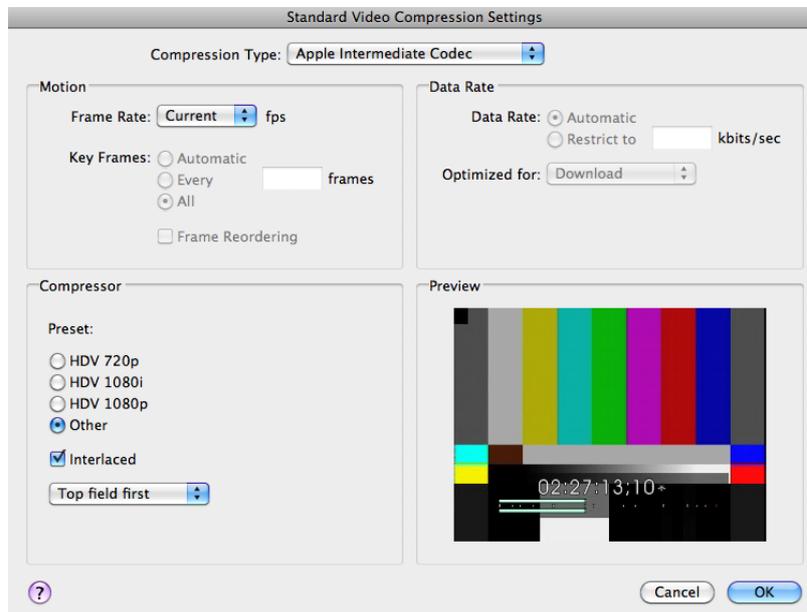
9. Select clip placed in step. 6 and choose [Share] -> [Export using QuickTime...].
10. Click [Options...] button.



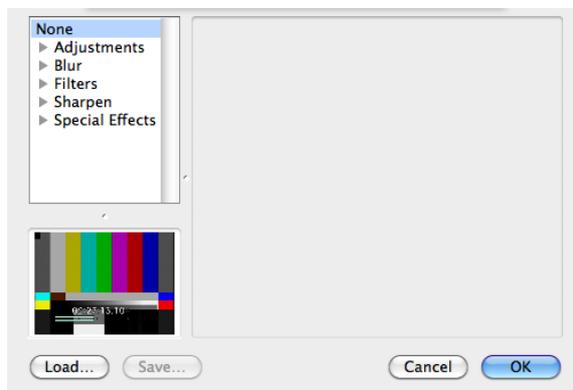
11. Movie Settings window will appear. Click [Settings...] button.



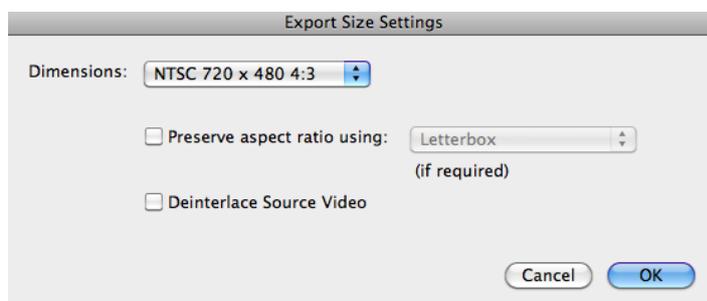
- Standard Video Compression Settings will appear. Adjust each setting as shown below, and click [OK] to go back to the Movie Settings window.



- Click [Filter...] button in Movie Settings window.
- Filter settings window will appear. Choose 'None' and click [OK] button.



- Click [Size...] button in Movie Settings window.
- The Export Size Settings window will appear. Adjust settings as shown below and click [OK] button.



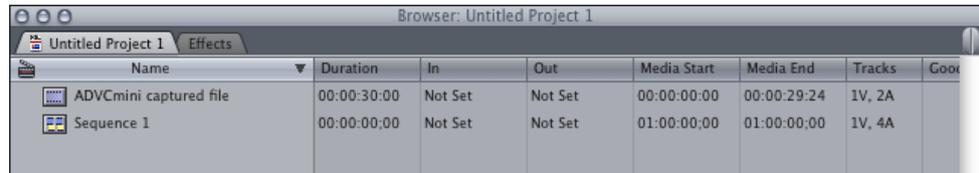
NB: Choose either 'NTSC 720x480 4:3' or 'PAL 720x576 4:3' according to your region.

- Export the file and burn DVD using exported file in iDVD.

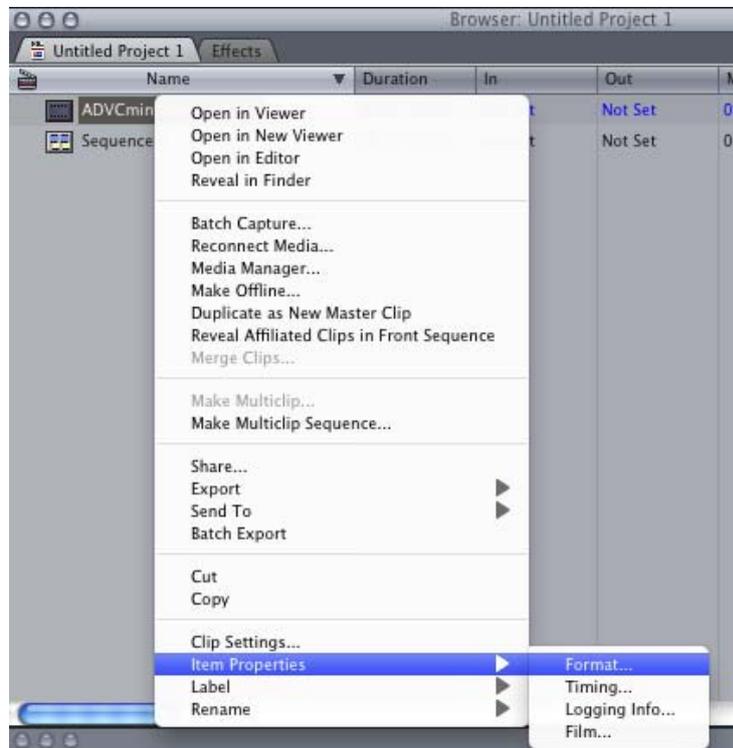
Adjusting Final Cut Pro to import captured file

To edit the movie file captured by the ADVMini within Final Cut Pro, adjust Final Cut Pro settings as below:

1. Import the captured file into the Bin.



2. Choose a registered file and choose [Item Properties] > [Format] from context menu.



- Choose "Field Dominance" and choose 'Upper (odd)' from context menu.

Item Properties: ADVCMINI captured file			
Format	Timing	Logging	Film
	Clip	V1	A1
Name	ADVCMINI captured file	ADVCMINI captured file	ADVCMINI captured file
Type	Clip		
Creator	QuickTime Player	QuickTime Player	QuickTime Player
Source	Macintosh HD-Users:administrator:Desktop	Macintosh HD-Users:administrator:Desktop	Macintosh HD-Users:administrator:Desktop
Offline			
Size	377.3 MB	377.3 MB	377.3 MB
Last Modified	Tue, Jul 21, 2009, 11:35 PM	Tue, Jul 21, 2009, 11:35 PM	Tue, Jul 21, 2009, 11:35 PM
Tracks	1V, 2A		
Vid Rate	25 fps	25 fps	
Frame Size	1920 x 1080	1920 x 1080	
Compressor	MPEG-4 Video	MPEG-4 Video	
Data Rate	12.6 MB/sec	12.6 MB/sec	12.6 MB/sec
Pixel Aspect	Square	Square	
Anamorphic			
Gamma Level			
Field Dominance	Upper (Odd)	Upper (Odd)	
SmoothCam	--		
Alpha	None/Ignore	None/Ignore	
Reverse Alpha			

NB: If this is not done, the movie might be exported with inverted fields.

OTHER ISSUES

Audio and video out of sync

Description

ADVCmini automatically switches video format (NTSC or PAL) according to the input signal. If no audio and video is input when starting the ADVC application, the format might be incorrect and audio and video might become unsynchronized when played back in the preview window or as a captured file.

Workaround

Connect audio and video cable before starting the ADVC application. Also, if you experienced this problem in the preview window, quit the application and restart it.

Video capture unexpectedly stops

Description

An error is displayed and capturing is unexpectedly stopped. ADVCmini automatically switches video format (NTSC or PAL) according to the input signal. However, if the input signal is noisy, the application thinks that the input format has changed and stops recording to change format.

Workaround

Please check the following:

- 1) Adjust the video tracking on your VCR.
- 2) If there is any blank (non-recorded time) on your tape, go to the beginning of the tape.
- 3) Clean your VCR head.

If the problem still remains, try using an audio and video stabilizer between the ADVC and the VCR.