DVD Studio Pro - Author a DVD

susanne.kraft@austin.utexas.edu 2/7/08

How to make a 4:3 DVD from High Def or Standard Def Media

import		
Export	>	QuickTime Movie
Send To	•	· · · · · · ·

2. Use >Current Settings and make sure that "Make Movie Self-Contained is unchecked

3. Open Compressor Software

4. Click on "Add File" and navigate to the QuickTime Reference that was just made.



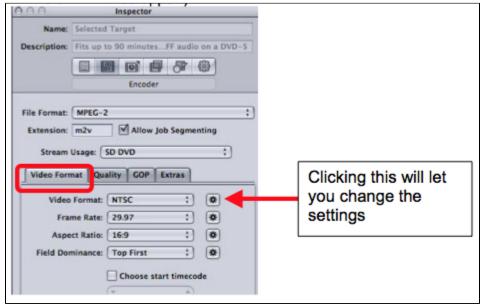
5. Select the DVD encoding settings to apply. Go to the Settings Tab>Apple>DVD>DVD:Best Quality 90 minutes. Drag the two files from this folder to the "Batch Window" to apply the encoding settings.

Untitled	
Export Me HDV2.mov	
	Drag Settings and Destinations Here
O O O Settings	
Settings Destinations	
	+• -
Apple 4 Groups	
Apple Devices 3 Settings	
VD 10 Groups	17
DVD: Best Quality 120 minutes 2 Settings	
DVD: Best Quality 150 minutes 2 Settings	
DVD: Best Quality 90 minutes 2 Settings	
Dolby Digital Professional 2.0 2.0 Dolby Digital audio at 192kbps	
Fits up to 90 minutes of video with Dolby Digita a DVD-5	I audic at 192 Kbps or 60 minutes with AIFF aud
6. Select the MPEG-2 clip to change the properties of the encode	in the "Property Inspector"
xport Me HDV2.mov	
E Dolby Digital P	rofessional 2.0 Source
MPEG-2 6.2Mb	os 2-pass Source

7. The Inspector window will show the settings for the MPEG 2 that is going to be encoded. If you don't see the inspector window go to >Window >Show Inspector

Vindow	Help	
Minimiz	ze	ЖM
Zoom		
Bring A	ll to Front	
Save La	yout	
Manage	Layouts	
Layouts		•
Show In	spector	7. 8 1

8. Set the MPEG 2 encoding settings: Click on the Video Format tab and that should show the native information about the file. Will show the format, frame rate, aspect ratio, and native field dominance of the quicktime (SD will be lower field HD will be upper.)

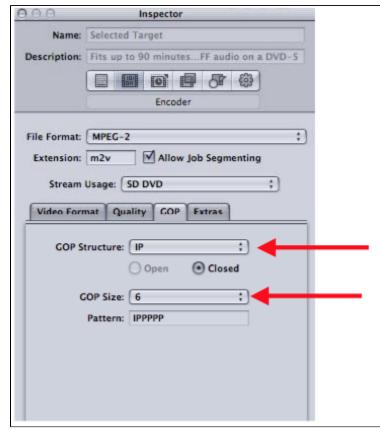


9. Now click on the Quality Tab.

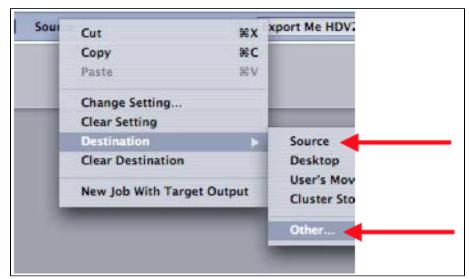
Name: Selected Target coription: Fits up to 90 minutesFF audio on a DVD-S Encoder Format: MPEG-2 stension: m2v Allow Job Segmenting Stream Usage: SD DVD Nideo Format Quality GOP Extras Mode: Two pass VBR Best Average Bit Rate: 6.5 Mbps L 1 1 1 1 1 1 1 1 1 1 2.0 9.0 Maximum Bit Rate: 7.7 Mbps L 1 1 1 1 1 1 1 1 S.0 9.0 Motion Estimation: Best Allows up to 77 minutes/layer of video on DVD-S	000	Inspector
Encoder Format: MPEG-2 Allow Job Segmenting Stream Usage: SD DVD Stream Usage: SD DVD Mode: Two pass VBR Best Average Bit Rate: 6.5 Mbps Average Bit Rate: 7.7 Mbps Joint 1 1 1 1 1 1 1 S.0 Motion Estimation: Best	Name:	Selected Target
Encoder Enc	Description:	Fits up to 90 minutesFF audio on a DVD-5
Encoder Enc		IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Attension: m2v Allow Job Segmenting Stream Usage: SD DVD Addeo Format Quality GOP Extras Mode: Two pass VBR Best Average Bit Rate: 6.5 Mbps 2.0 9.0 Aaximum Bit Rate: 7.7 Mbps 5.0 9.0 Attinum Bit Rate: 7.7 Mbps 5.0 9.0 Attinum Bit Rate: 7.7 Mbps		the second
Attension: m2v Allow Job Segmenting Stream Usage: SD DVD Addeo Format Quality GOP Extras Mode: Two pass VBR Best Average Bit Rate: 6.5 Mbps 2.0 9.0 Aaximum Bit Rate: 7.7 Mbps 5.0 9.0 Attinum Bit Rate: 7.7 Mbps 5.0 9.0 Attinum Bit Rate: 7.7 Mbps		
Stream Usage: SD DVD : Average Bit Rate: 6.5 Mbps Video Format Quality GOP Extras Average Bit Rate: 7.7 Mbps L 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	File Format:	MPEG-2
Video Format Quality GOP Extras	Extension:	m2v Allow Job Segmenting
Video Format Quality GOP Extras	Stream	Usage: SD DVD :]
Mode: Two pass VBR Best Average Bit Rate: 6.5 Mbps 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Average Bit Rate: 6.5 Mbps 1 1 1 1 1 1 1 1 1 1 2.0 9.0 Maximum Bit Rate: 7.7 Mbps 1 1 1 1 1 1 1 1 1 5.0 9.0 Motion Estimation: Best	Video For	mat Quality GOP Extras
Aaximum Bit Rate: 7.7 Mbps		Mode: Two pass VBR Best :
2.0 9.0 Maximum Bit Rate: 7.7 Mbps 	Average	Bit Rate: 6.5 Mbps
2.0 9.0 Maximum Bit Rate: 7.7 Mbps 		
I I		
5.0 9.0 Notion Estimation: Best	Maximum	Bit Rate: 7.7 Mbps
5.0 9.0 Notion Estimation: Best		
Allows up to 77 minutes/layer of video on DVD-5	Motion Est	imation: Best
	Allows up	to 77 minutes/layer of video on DVD-5

10. Mode should be set to Two pass VBR Best. Change the Average Bit Rate to 6.5 and the Maximum Bit Rate to 7.7. Change Motion Estimation to Best.

11. Then click on the GOP tab and change the GOP Structure to IP and the GOP size to 6



12. Choose the Destination for the mpeg2 file to be saved. Right click "Source" in the "Batch Window" and set the Destination to Source (where it defaults) or other and then save it to another folder if needed.



13. Click "Submit" and then "Submit" again at this menu.

Name:	Export Me HDV2		
Cluster:	This Computer	: Include unm	nanaged services on other computers
Priority:	High	:	
	Quitting Compressor will theck on the progress of		n of your batch. Open Batch Monitor to
Dolby Digit	tal Professional 2.0	Mpeg2test	(Cancel) Submit

14. The file will start to encode to an MPEG 2 that we will use in DVD Studio Pro. To check the status of the encode launch the "Batch Monitor"



15. Click on "This Computer" to show the processes of the encode

This Computer	Th	This Computer 1 batch, 1 job				
	• @	Export Me HDV2 Processing 1 job, 2 targets Submitted by kraftsu on 10/24/07	0:17:53 elapsed	00		

16. Launch DVD Studio Pro.

17. Go To DVD Studio Pro > Preferences

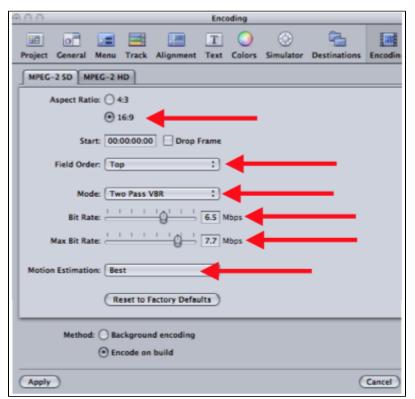


18. Go to the Encoding tab and change the Aspect Ratio to 16:9 HD OR 4:3 SD for non wide screen DVDs

19. Change the Field Order to Top and Mode should be Two Pass VBR

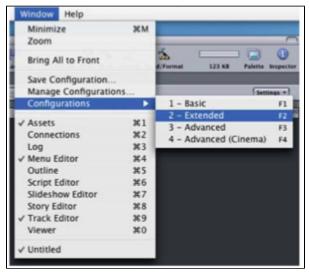
20. Bit Rate 6.5 and Max Bit Rate 7.7

21. Motion Estimation should be set to Best



22. Make a new project

23. Go to Window>Configuration>Extended to change DVD Studio interface



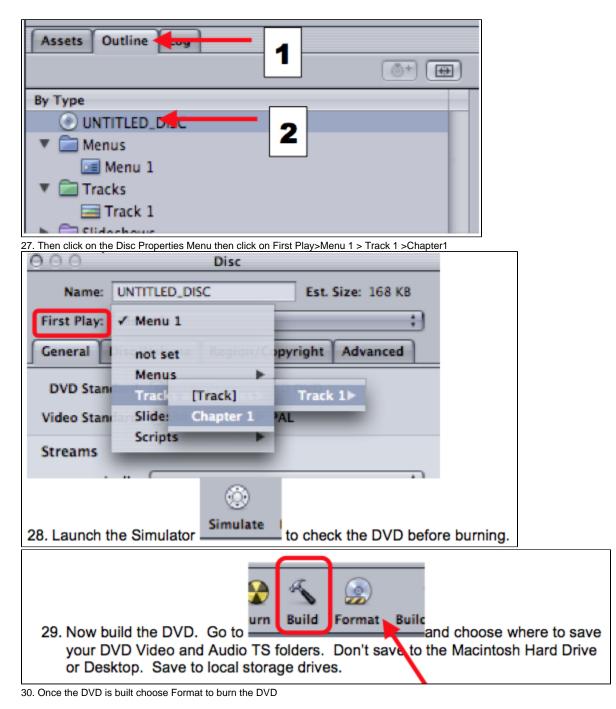
24. Import the MPEG 2 made in Compressor, Quicktime reference file or Quicktime movie into the Assets window



25. Drag the MPEG 2 and the AC3 file or QuickTime from the ASSETS tab to the Track timeline. Audio should match video exactly.

Import New Folder Remove					
Name	Status	In Use	Туре		
Export Me HDV2-MPEC	•	4	MPEG-2 Video	1	
Q) Export Me HDV2-Dolby	0	4	AC3 Audio	1	
	۱				
	1				
	١				
	\				
	<u>۱</u>				
	•				
	•				
	· · · ·				
		<u>۱</u>			
		۱			
		<u>۱</u>			
		•			
		•			
		•			
(- ۱		-	
Track Slideshow Story Script	1				
	0.000				
		00.00			
(B 4 0) 00:00:00:00					
(8 4 0) 00000000 (00.00	00.00	00.0	0.1.00 00.01.00	00	
(a) va (a) 🔤	Export Me	HOV2-MP	EG-2 6.2Mbps 2-pass.m2v		
AL		And the state of the late			
(a) A1 (t Me HDv2-0	Perity Depit	al Professional 2.0.ac3		
Q A2					
	-				

26. Click on the Outline tab (1) next to the Assets tab then click on the UNTITLED_DISC (2)

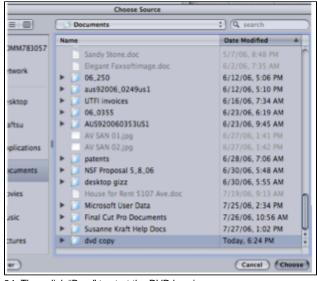


31. Name the DVD Disc

32. Click "Choose" to chose the "Current Source" for the DVD.

	Format
General Disc/V	volume Region/Copyrint
Disc	
Name:	DVD.COPY
Source	
Current Project:	UNTITLED_DIS
Current Source:	Choose_
Location:	/Users/kraftsu/Documents/dvd copy
DVD-ROM Data	1
Content:	Choose_
Size	-
Location:	
	Joliet Extension Support
Destination	
Output Device:	MATSHITA DVD-R UJ-835E :
	DVD-R Simulation Mode
	V Lossless Linking
Output Format:	
fotal Disc Size: 0.5	9 M8 (Cancel) (Burn

33. Navigate to the location that the DVD VIDEO_TS AND AUDIO_TS folders are stored and click "Choose"



34. Then click "Burn" to start the DVD burning process

Destination	
Output Device: MATSHITA DVD-R UJ-835E	;
DVD-R Simulation Mode	
Lossless Linking	
Output Format: -	
Total Disc Size: 0.59 MB	Cancel Burn

35. Put a blank DVD into the burner to burn the DVD material



Disc Insertion...

Please insert acceptable DVD recordable media.

Cancel