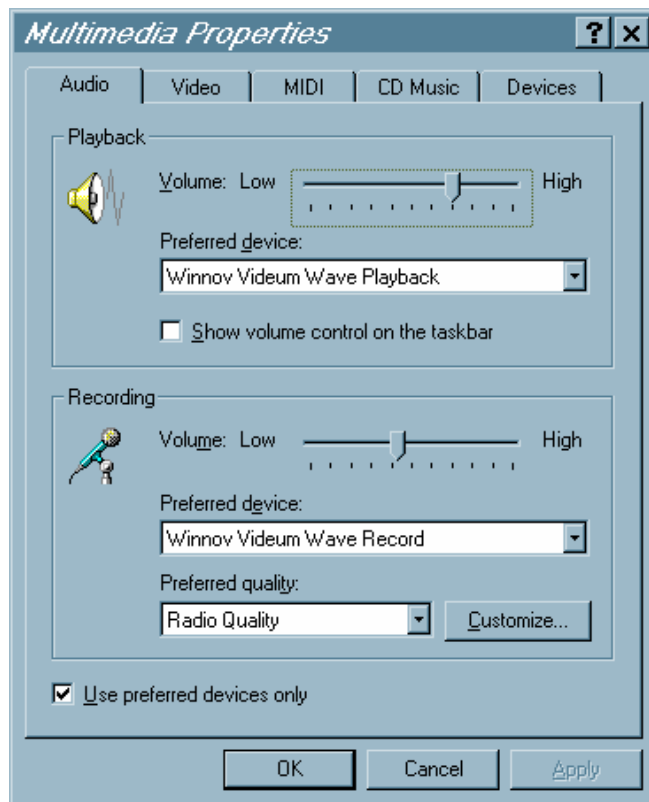


Creating a Compressed AVI file using Adobe Premiere

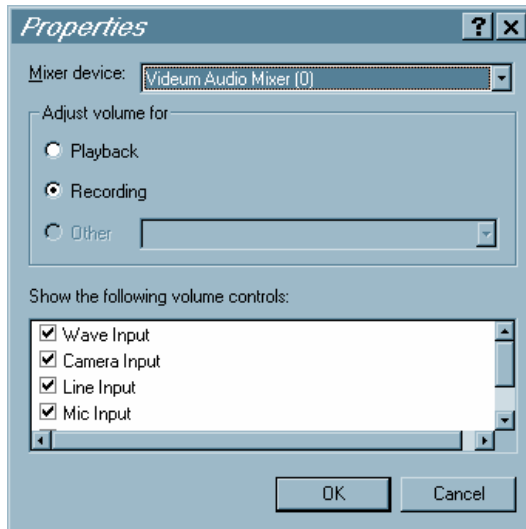
By Brian Hogan

Step 1: Capture the Video from the tape.

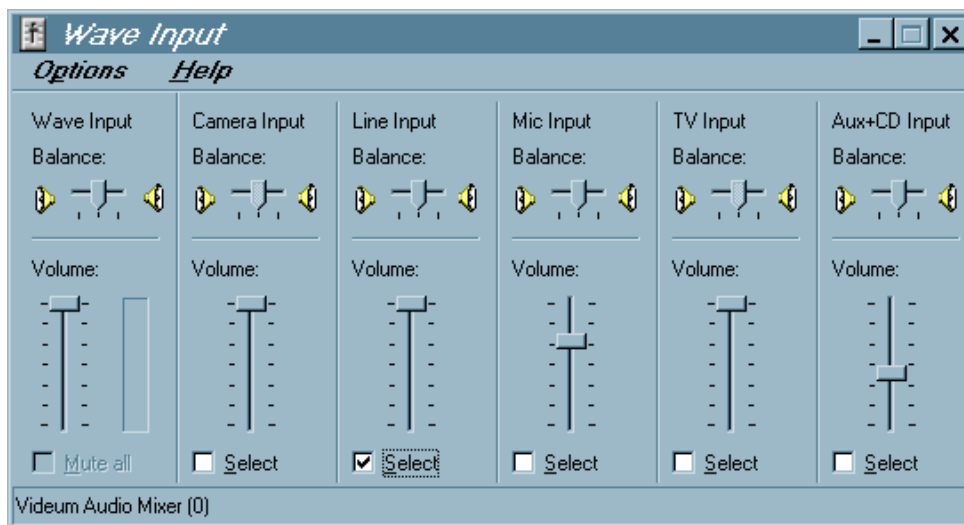
1. Connect VCR's VIDEO OUT to the capture card's VIDEO IN using the appropriate cables for your capture card.
2. Connect VCR's AUDIO outputs to the LINE IN on the capture card
3. Use Microsoft Windows Control Panel's MULTIMEDIA control to set the default recording device to the capture card



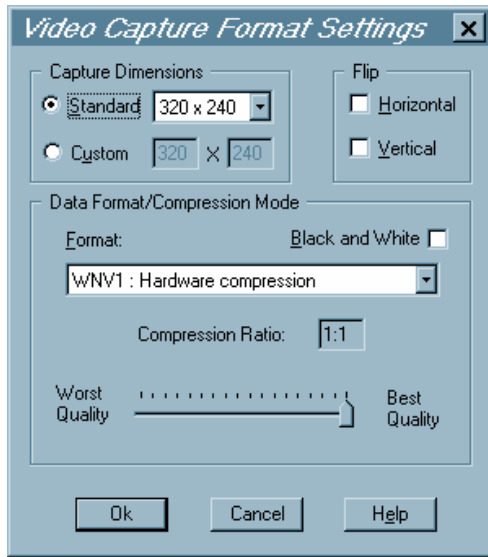
4. Use the Microsoft Volume Control (SNDVOL32.EXE) and choose PROPERTIES. At the menu, choose RECORDING, and make sure that your mixer device is set to your capture card



5. Set your LINE IN as the only recording device.



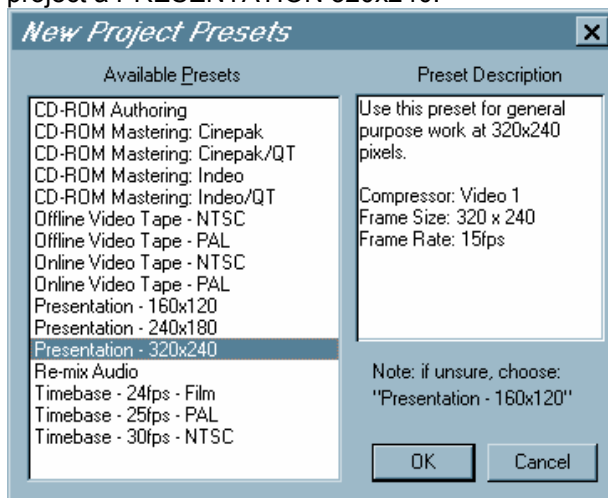
6. Begin your capture utility and for the video format, choose 320x240. If your card supports it, use Hardware Compression.



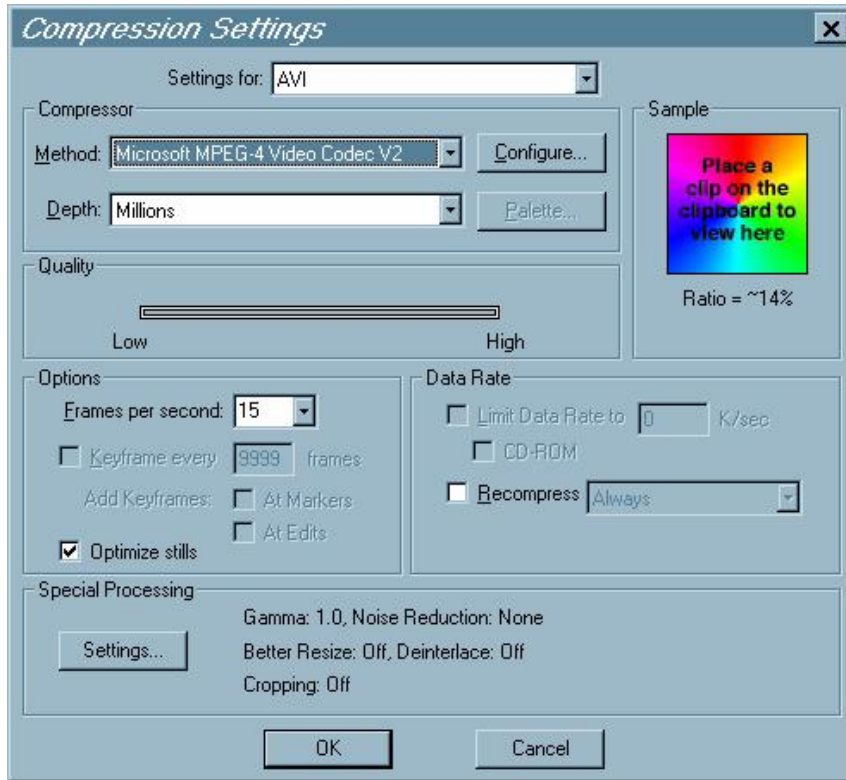
7. Audio settings should be set at 44khz, Stereo, 16 bit, or as high as your card allows. When capturing, it is always wise to make sure you have the highest-possible quality you can get.
8. Start the tape to make sure you have everything the way you want it. You might need a monitor connected to the VCR so that you can keep track of where you are, as some capture utilities for the computer will not allow you to view what you are capturing.
9. Capture the video. When done, save the capture to a folder where you will remember it.

Step 2: Converting to a compressed AVI

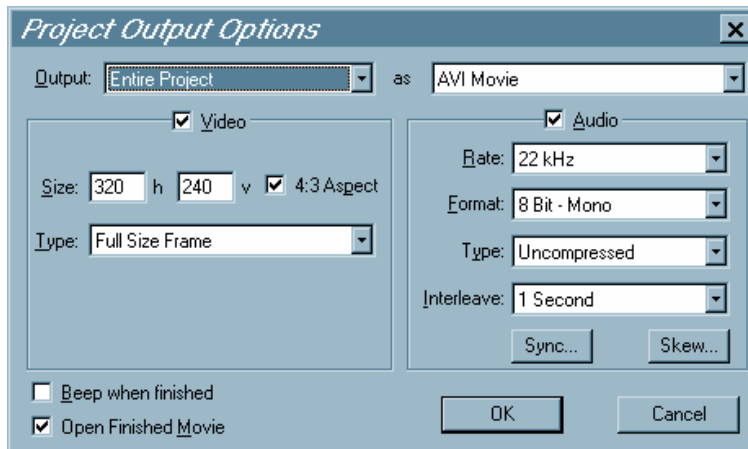
1. Open Adobe Premiere. For this example, I am using Adobe Premiere 4.2. Choose as a project a PRESENTATION 320x240.



2. Click FILE and select IMPORT, then FILE. Locate the file you just captured. It will now appear on the project window.
3. Drag the video icon in the project window into the CONSTRUCTION window.
4. Go to the MAKE menu, and select COMPRESSION. For best results, use these settings:

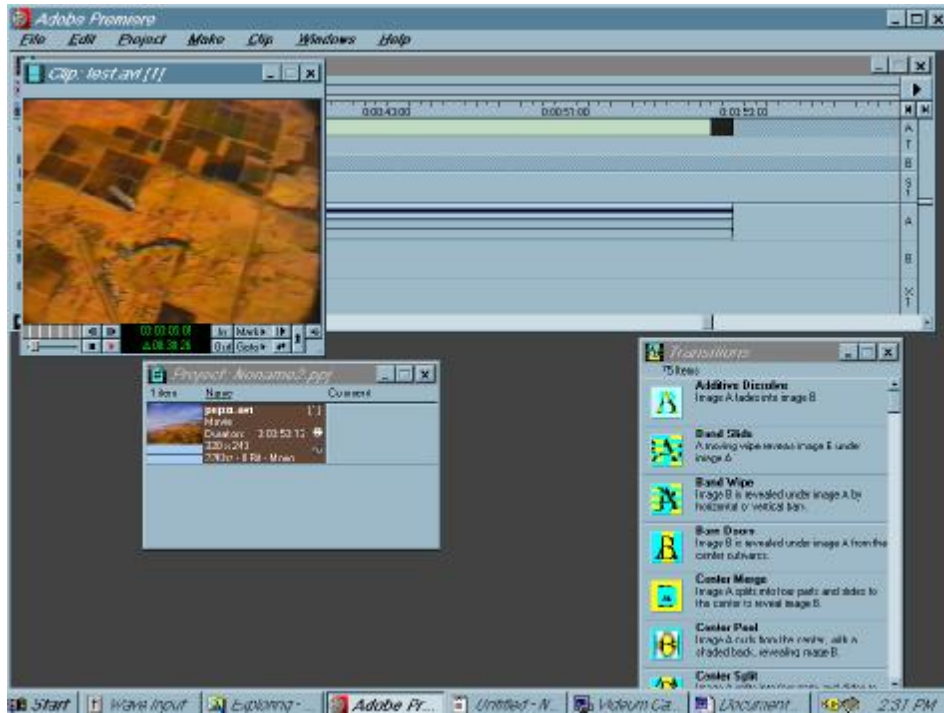


- Again, go to the MAKE menu and choose OUTPUT OPTIONS. Use the following settings:



Be sure to choose OUTPUT = ENTIRE PROJECT!

- Go to the MAKE menu and choose MAKE MOVIE. Save the movie to an appropriate directory.
- The movie will work and finish, showing you the final results.



The results of this exercise changed a 144 MB video file into a 9.8 MB compressed AVI.

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