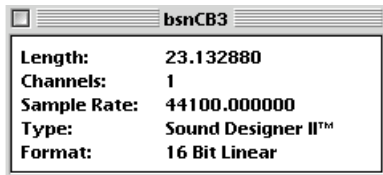
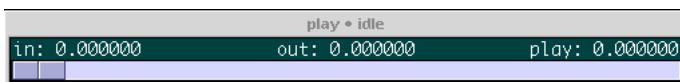


Sound Hack Basic Operations

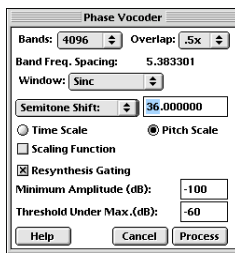
- 1) **SoundHack** uses the Macintosh **Sound Manager** for audio output. Patch Mac Out 1,2 into the mixer.
- 2) Launch SoundHack from **Apple>Process/Synthesize>SoundHack**.
- 3) To open an AIFF or SD II file:
 - a) select **File>Open**
 - b) a window like the one below will appear:



- c) a **playbar** like the one below indicates play/processing time:



- d) to play the file, press the Mac **spacebar**.
- 4) To import an Audio CD track:
 - a) insert a Audio CD into the Mac
 - b) select **File>Import>CD Track**
 - c) a window will prompt you for Track Number, start and stop times, and name, location and format of file to be created.
- 5) To process a file:
 - a) open the file as in Step 3
 - b) select the process from the **Hack** menu
 - c) a dialog box will prompt you for more info
 - d) click on the **process** button in the dialog box
 - e) the **playbar** will show the progress of the processing time
 - f) to **pause** the process at any time, type **cmd ,**
 - g) to **stop** the process at any time, type **cmd .**
- 6) To use the **Phase Vocoder**:
 - a) select **Process>Phase Vocoder** and enter the settings below in the dialog box:



- b) select either **Time Scale** or **Pitch Scale**, set to any value, then click **Process**.
- c) for a time-varying process, select **Scaling Functions**, then **Edit Function**
- d) use the mouse to draw the process in the **Function Window**, then click **done**
- e) in **Phase Vocoder Window**, click **Process**