



## iMovie '09 - Audio

### Editing and Extracting Audio and Adding Audio Tracks and Voice Recordings

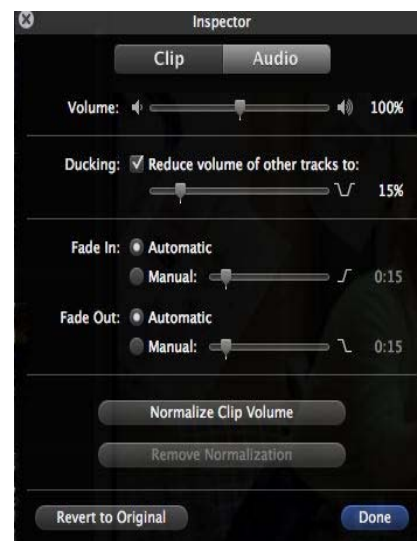
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### Editing audio

You can edit the audio within a video clip or adjust the audio of added audio tracks. From the Audio Inspector adjust volume or apply a fade in or fade out effect. Press **A** to open the **Audio Inspector pane** or double click on the clip.



Pressing the down arrow and selecting Audio adjustments will also open the Inspector.




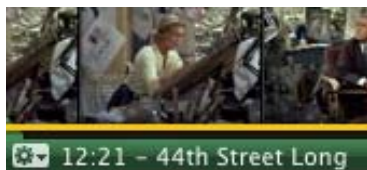
### **A note on Ducking [change audio priority over competing clips]**

[As an example,] you recorded a commentary over a video clip and your recording needs to be louder than the audio in the video clip. Double click on the clip that has the audio you want to be more prevalent (your voice recording). By default the volume of the ducked tracks is reduced 15% of the original volume. Drag the ducking slider to the right or left if to adjust.

### Add audio to the iMovie project

Add audio in three ways as follows. Audio cannot be added to the Event Library; it is added directly onto your Project. After audio is added, move the audio track by dragging the purple or green box that contains the audio to a desired location in the project. To crop the clip, drag the endpoint to the left. For additional editing press A to open the Audio Inspector pane or double click on the clip. To delete the clip, select and press delete.

1. **To add sound effects** click on the Music and Sound Effects button  below the viewer. Select a loop or jingle from the iMovie Sound Effects or the iLife Sound Effects pane. Double click to preview. Drag the track onto the clip in the project. If you have your own audio clip, drag it from its location (i.e. USB drive, iTunes Library, IMC Public folder) onto you project where you want it to begin. NOTE: You may need to shrink the iMovie window to display the desktop to locate the file to drag.



A green bar indicates the audio track was added. Preview to consider adjusting the original sound in the movie clip or the added soundtrack.

2. **To add background music** drag the audio track to the gray space in the project window, not onto a clip. If the music is longer than the movie it will fade out at the end of the movie. If you want to start the background music later in the movie, drag it to where you want it to start. It is now displayed in purple to indicate that it is attached to this clip.

3. **To record your voice-- add a voiceover or commentary** Note: you can record up to 10 minutes at one time using a microphone. For best results do not use the built in microphone, use the USB microphone available at the Interactive Media Center desk. Plug it into the USB port located on the front of the Mac or into the USB extension cable. Do not use the port on the keyboard. Press the green button located on the platform of the microphone to power on. Direct the Mac as to where to import sound from. On the desktop, under the Apple menu, Select **Programs >Audio> Sound > Input. AK5370 port USB.** Slide the **input volume** to adjust the recording volume of the microphone.

Return to iMovie and click the **Voiceover button**



Customize your recording before you begin speaking. Record From: must reflect your recording device. Test your recording volume. Input indicators should remain in green. When you are ready to begin recording, do NOT close this window.

In the project use the playhead to select where you want the recording to begin. iMovie will count down "1, 2, 3". then begin recording. When done, press spacebar on the keyboard. **Note:** If you select Play project audio while recording, be sure to use headphones to avoid re-recording the audio from the other tracks.



A purple bar indicates the recording. If necessary you can "duck" the original sound in the movie so your voice becomes the more prominent audio track. You can move the track if desired.

Press the down arrow and select Audio adjustments to open the Inspector for editing.

### **Extract audio from a video clip**

When clips are imported into iMovie, the audio and video are locked (joined in synchrony). Keep audio and video

synchronized whenever possible. If you do need to separate them make sure every other possible form of editing (video or audio) is done **first**. Once audio and video are unlocked and separated, they **cannot** be locked again. After unlocking, each component must be moved separately for the duration of the editing process. To separate audio and video:

**DO THIS CAREFULLY! ONCE AUDIO IS DETACHED IT CANNOT BE REATTACHED**

Select the clip. From the **Edit** menu, select **Detach audio**. Tip: to separate audio and video for the entire project, from the Edit menu, choose Select All, then Extract audio; to separate the audio and video for a selected clip, select only that clip before extracting audio.

Once the track is isolated, you can edit, move, copy or crop it. To **remove audio** select the Audio clip. Right click and choose “Delete Selection”. Caution: This will permanently remove the audio from your project!

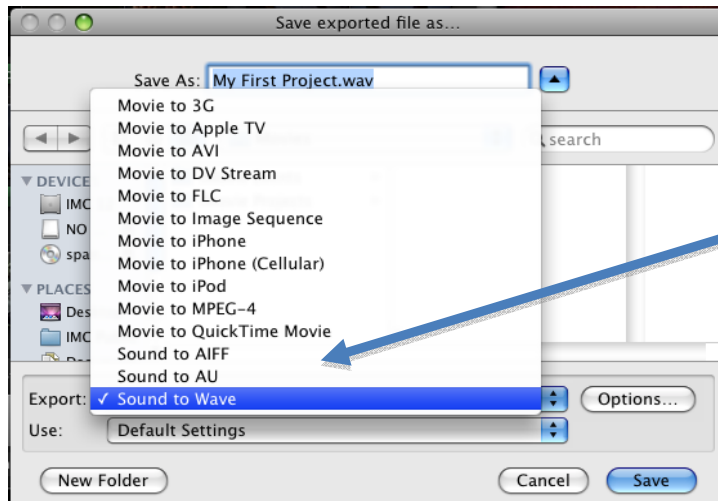
If you wish to remove the audio from part of a clip, split the clip first.

### **Export/Share audio ONLY from a video clip**

To create an audio file from a project you can Share it through QuickTime. You do not need to extract audio unless editing is necessary before creating the sound file. You do not need to extract audio unless editing is necessary before creating the sound file.

To create an MP3 file, export as AIFF or WAVE. Then import it into QuickTime Pro, Audacity or iTunes and select Save As or Export ... MP3. NOTE: Audacity has more editing capabilities than iMovie.

Select **Share > Export Using QuickTime**. Click on the Export pop up menu and select **Sound to “file choice”**.



Options to Export are Sound to AIFF, AU or WAVE. Review Options to Export. Create filename in “SAVE AS” and then select Save.

For help, complete the online iMovie tutorial from the Help menu available within the iMovie program. For additional information, sample movies, sound files, and downloads, see:

<http://www.apple.com/ilife/tutorials/#imovie> (accessed 12/10/09)