Working with audio

Adobe Premiere Pro CS4 includes basic audio editing, which is very similar to editing video in Adobe Premiere Pro. You import an audio file the same way you import video clips and other assets.

Although you can edit audio files and add audio effects in Adobe Premiere Pro, a better way is to use a dedicated audio program, such as Adobe Soundbooth CS4, to create and edit your sound track and then import these files into Adobe Premiere Pro.

Adobe Premiere Pro and Soundbooth are integrated for smooth round-trip editing. From within Adobe Premiere Pro, you can select any audio file and open it for editing with Soundbooth. The changes you make in Soundbooth are automatically updated in your Adobe Premiere Pro project. From within Soundbooth, you can import an Adobe Premiere Pro sequence and add it to a Soundbooth multitrack file. This way, you can sync the video and audio as you create, edit, and mix additional sound for your video project.

To complete these tasks, you need two or more audio clips and one video clip.

Inserting and deleting audio tracks

Audio clips in multiple layered audio tracks all play together. If you have ten layered audio tracks loaded with a variety of audio clips and do not adjust volume levels and stereo panning, they can sound like a cacophonous mess. Adobe Premiere Pro provides a variety of audio tracks, including mono (single channel), stereo (two channel), and 5.1 (six-channel surround). When you drag an audio clip to the Timeline panel, you can place it on an audio track that matches the audio clip. For example, you can only place a clip with mono audio on a mono audio track.

1. Start Adobe Premiere Pro, create a new project, and give it a name that relates to the video/audio files you will import.
2. Import one video clip and two or more audio clips.

   The clips appear in the Project panel (**Figure 1**).
3. Drag the video clip to the Video 1 track in the Timeline panel.

   Note: If your video includes audio, the audio appears on the first available audio track (**Figure 2**).

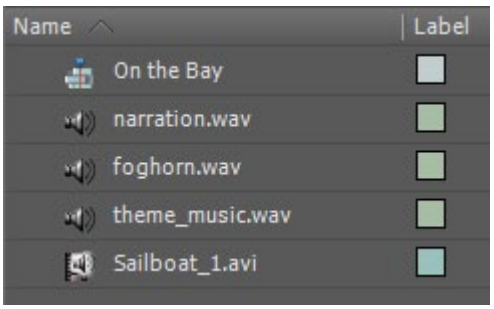

Figure 1 Clips in the Project panel

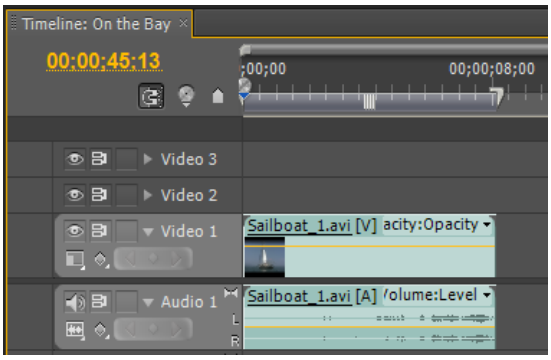

Figure 2 Video with audio added to the sequence

4. Drag the remaining clips to separate audio tracks.

If your sequence timeline doesn't have enough audio tracks to place each clip on a separate track, you can add new tracks.

5. To add a new track, select Sequence > Add Tracks.

The Add Tracks dialog box appears (**Figure 3**).

6. In the Audio Tracks section, enter the number of tracks you want to add. Select a position for the track from the Placement pop-up menu. Select the track type (stereo, mono, or 5.1) from the Track Type pop-up menu.

7. Click OK.

8. Select Sequence > Delete Tracks.

The Delete Tracks dialog box appears (**Figure 4**). The default is to delete all empty video and audio tracks.

9. Select Delete Video Tracks and Delete Audio Tracks to delete any empty tracks, and click OK.

The Timeline panel now includes only tracks with video or audio in them. Each track matches the type of audio clip (mono, stereo, or 5.1) within it (**Figure 5**).

Figure 3 Add Tracks dialog box

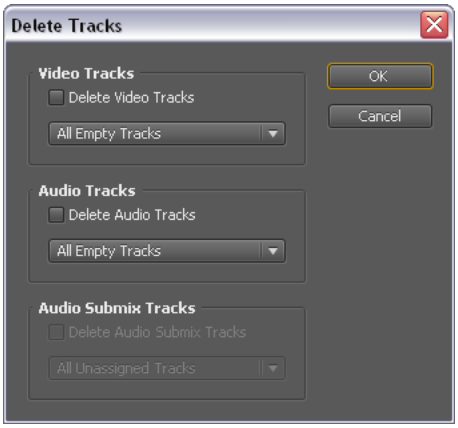

Figure 4 Delete Tracks dialog box

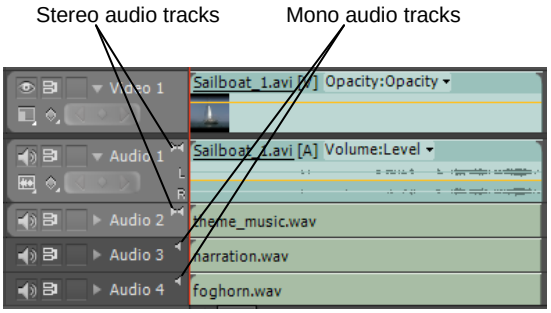

Figure 5 Timeline panel

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Roundtrip editing with Adobe Soundbooth

1. Continue where you left off in the previous task.
2. In the Timeline panel, select one of the audio clips (**Figure 6**).
3. Select Edit > Edit In Adobe Soundbooth > Render And Replace.

   Note: When you select Render And Replace instead of editing the source file, you edit the audio for the selected instance of the audio clip, not the original file.

   Adobe Soundbooth CS4 opens, with the selected audio clip in the Editor panel **(Figure 7**).
4. Make any necessary edits or add effects, and then select File > Save.

   Note: Refer to the *How to edit audio* guide for instructions on editing audio tracks and adding audio effects.
5. Return to Adobe Premiere Pro and play the sequence in the Timeline panel.

   The changes you made in Soundbooth are automatically applied to the clip in Adobe Premiere Pro.

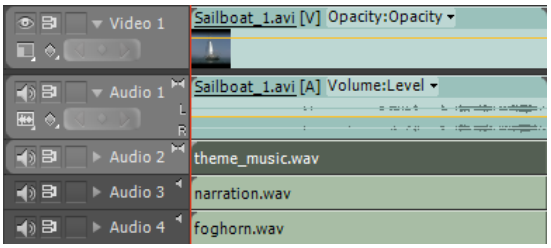

Figure 6 Selected audio clip

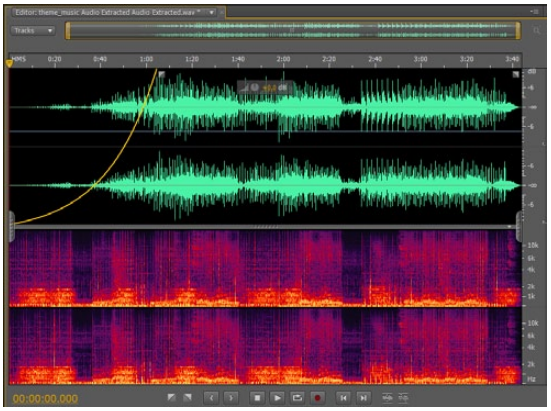

Figure 7 Adobe Soundbooth CS4 Editor panel

Adding an Adobe Premiere Pro Sequence to Soundbooth to synchronize video and audio

If your video exists within an Adobe Premiere Pro sequence or an Adobe After Effects CS4 composition, you can create a dynamic link between this video and Soundbooth. Any changes made to the sequence in Adobe Premiere Pro or After Effects will show up in Soundbooth automatically.

By adding an Adobe Premiere Pro video sequence (or After Effects composition) to Soundbooth, you can see your video as you compose the soundtrack. This allows for more precise synchronization between the audio and video in your projects.

1. Continue where you left off in the previous task.
2. Select File > Save to save the Adobe Premiere Pro project.
3. Start Adobe Soundbooth CS4 and open a new multitrack file in the Editor panel.
4. Select File > Adobe Dynamic Link > Import Premiere Pro Sequence.

   The Import Premiere Pro Sequence dialog box appears (**Figure 8**).
5. In the Project pane, locate and select the project that contains your sequence.
6. In the Sequence pane, select the sequence you want to link to Soundbooth, and click OK.

   The sequence is added to the Files panel (**Figure 9**) and to a new video track in the multitrack file (**Figure 10**).

   Any changes made to this sequence in Adobe Premiere Pro are reflected in the Soundbooth file automatically.

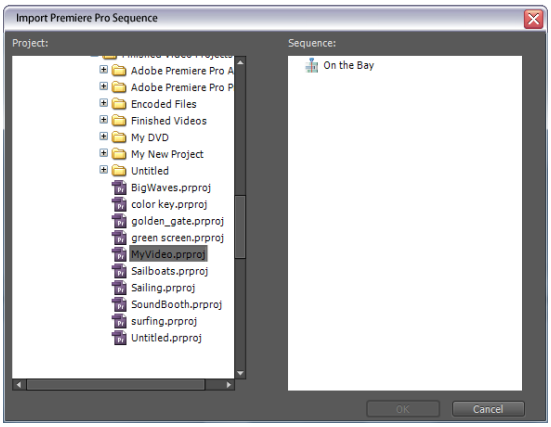

Figure 8 Import Premiere Pro Sequence dialog box

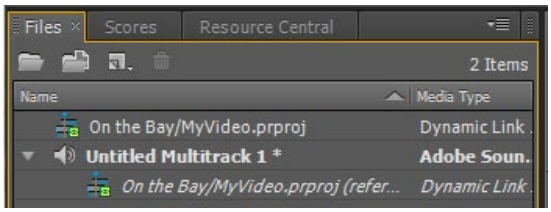

Figure 9 Adobe Premiere Pro sequence added to Files panel in Soundbooth

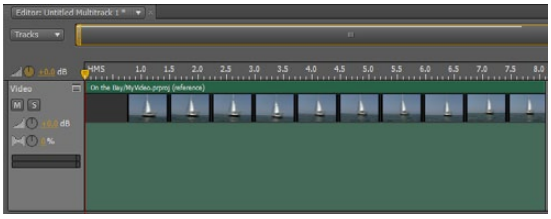

Figure 10 Adobe Premiere Pro sequence added to the multitrack file Editor panel in Soundbooth.

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