

# How to fix microphone delay issues in Audacity

Microphone delay occurs when there is a certain delay between the recorded audio file and the computer's input processing. Many users of Audacity also encounter this frustrating problem. So how do you fix the Microphone Delay error in Audacity?

Microphone delay is most noticeable when you use the microphone to supplement unfinished parts of a main recording, replace unsatisfactory recordings, or overwrite an existing audio track. If you're using Audacity for your audio editing tasks and you notice that the microphone input isn't synchronized with the overlay track, you can use the program's delay adjustment tool to fix the microphone delay. Here's how:



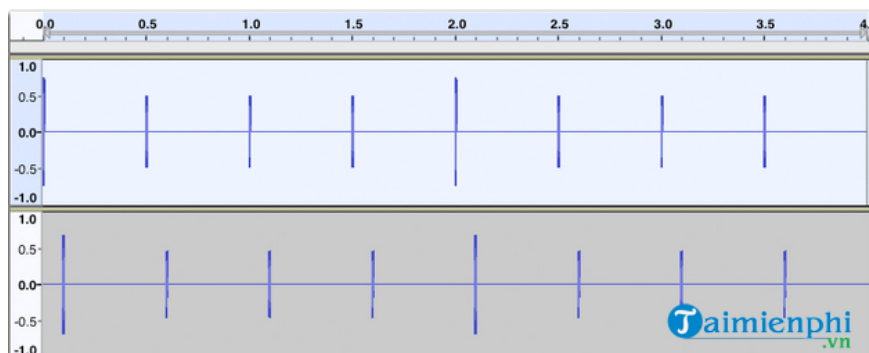
Instructions on how to fix microphone delay issues in Audacity  
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*Step 1:* Connect one end of a 1/8-inch audio cable to the **Line In** port on your computer's sound card and the other end to the **Headphone** or **Audio In** port of the sound card. Alternatively, you can plug a USB microphone into a USB port on your computer and place the microphone in front of your computer speakers.

*Step 2:* Open Audacity and click **Edit > Preferences** . Then select the **Recording tab from the Preferences** menu .

*Step 3:* Check the **Play other tracks while recording (overdub)** option and uncheck the **Software playthrough of input** box . Enter **0** in the **Latency Correction** field and click **OK to close the Preferences** menu . *Step 4:* Click **Generate > Click Track** . Enter **2** in the **Number of measures** field and select the **Tick** option from the **Click Sound** menu . Click **OK** to create the click track. *Step 5:* Press the **Record** button to record the click track's audio into a new dub track. The new track will appear below the click track and will stop recording at the end of the click track. That means the top track is the original click track and the bottom track is the repeated recording.



*Step 6:* Click the **Zoom Tool** in the Audacity toolbar on either audio track to zoom in on both. Move the track window scroll bar to the left to locate the first click on the waveform of the track. You will need to compare the space or latency between the first click on the waveform of the track above and the first click on the waveform of the track below.

*Step 7:* Click the **Selection Tool** . Move the cursor to the beginning of the click in the track below. Drag the mouse cursor from the beginning of the click in the track below to the beginning of the first click of the track above.

*Step 8:* Uncheck **Snap To** at the bottom of the Audacity window. Click the **Length** button and click the **arrow in the Length** field menu box . Select the **hh:mm:ss + milliseconds** option from the context menu that appears. The **Length** field will display the latency in your selection in milliseconds – note this number.

*Step 9:* Click **Edit > Preferences** and select the **Recording** tab in the **Preferences** menu .

*Step 10:* Enter the delay value in the **Latency Correction** field , add a **minus sign (-)** to indicate that the value is negative, and click **OK** to save your delay correction.

Follow the steps in this article precisely, and you will fix the microphone delay issue in Audacity. However, please note that the results are not 100% perfect. There will still be a slight difference, but you will hardly notice it when listening. Additionally, you can refer to how to separate vocals in songs using Audacity here.

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