

How Do I Create A Podcast Mix That Eliminates Looping Feedback From Return Source From Computer

In doing a podcast where you also need to listen to far side audio, you will need to setup what is called a "mix minus" on the mixer, so as not to create a loop form the return back into the send.

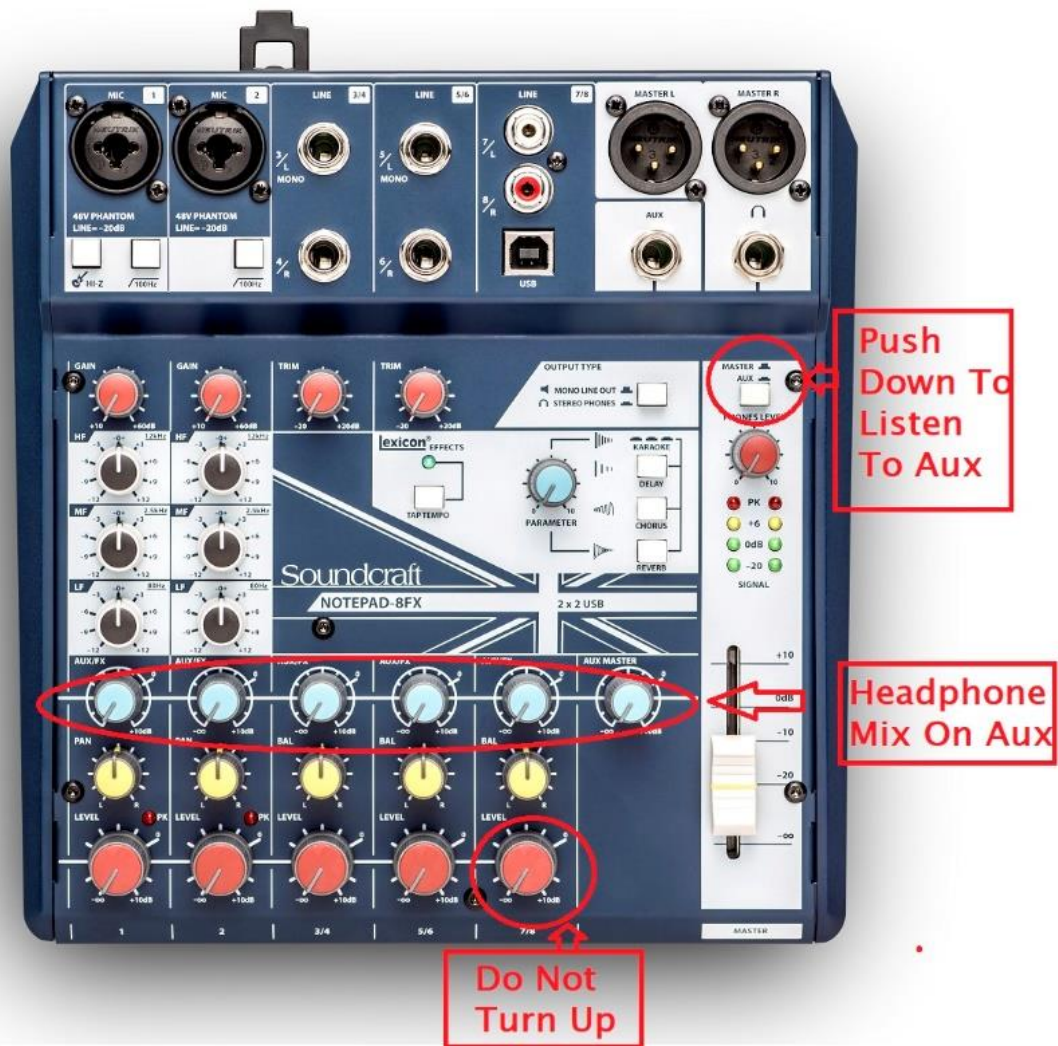
Scenario and solution

Scenario- you mix and send the mixer's L&R to the computer streaming or recording the podcast. It is a mix of the local microphones, but you also need to listen to the return from the computer to hear far side audio. When you bring up the return channel, you get a feedback loop, especially on the far side.

Solution- create a "mix minus" using an Aux send whereas you only have the local mics in that mix. You will listen to the complete mix in headphones from the Aux, hearing the local mics and far side audio, but the L&R send going to the computer will only send the local mics from the mixer, eliminating any feedback looping.

Here's how to do it- on the mixer, create your listening mix with mics and the return channel on the Aux bus, including the stereo computer return channel. In the L&R mix, only bring up the local mics. The far side will hear just the local mics from the mixer, but you will hear the local mics and the far side audio in the headphone mix, by listening to that Aux mix.

See the image below for examples-



Note- The Aux Bus sum is sent to the Aux Master output level control. This sum is made up of the aux send pre-fade contributions from each channel. That is, the sends are taken before the input channel fader and are not affected by the input channel fader levels. So your headphone mix is totally independent of the L&R mix going to your computer. You can listen back and forth by selecting either L&R or Aux on the headphone mix select button

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