



Logitek Application Note

Using Mix Minus Busses for Voice Tracking & Production.

Applies to all Audio Engines and JetStreams.

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The beauty of Logitek's Networked Console System is all of the available options.

While Mix Minus busses are traditionally used for feeding telephone hybrids, ISDN boxes, and remote broadcast codecs, they can really come in handy while doing production.

The Way It's Always Been

The traditional method is to feed the record input of a PC from an audition or auxillary bus and have the operator put everything but that PC into audition and program. While voicetracking, when you need the operator to hear the heads and tails of the songs in the headphones, that person would listen to program. This works just fine, until someone puts the automation PC into audition (for example, they want to record a piece of a song from the automation PC onto another production PC with Adobe Audition or Pro Tools) and the next person comes along and doesn't notice that the audition button is pressed. At best, you end up with the heads and tails recorded with the voicetrack. At worst you end up with a nasty feedback loop.

A Better Way

Use a stereo mix minus bus to feed each computer in the production room. With 24 mix minus busses, chances are you have the capacity on hand. Then the operator leaves everything in program but doesn't have to worry about feeding back if the pot is left up.

How To (Audio Engine)

1. In input settings, click on the line number of your automation PC. In the Mix Minus Bus box, type the number of the next available mix minus bus.
2. Go to System Page. In the Mix Minus grid, locate the mix minus bus number you chose in step 1. Click the PGM box, the Bus Always On box, and the Stereo box in that column. The mix minus bus to the right will now appear grey as the router needs to combine that bus to create a stereo pair.
3. Go to Surface Settings, then click on the yellow Output Selections tab. Locate the output to your automation PC and change the output assignment to the mix minus bus you just created.
4. Upload your new configuration to the router.

How To (JetStream)

1. In Input Settings, assign the automation PC to the next available mix minus bus. Set that mix minus bus to Program and Bus Always On.
2. Assign the output of the mix minus bus in step 1 to the output that feeds the PC.