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Scalable Offsets (#p3200)

by **madbean** » Wed Aug 29, 2018 5:50 pm

Been trying to figure this one out. I've got two identical pitch offsets running in parallel controlled by one pot. Using the Offset block produces a nice result because it allows me to make minute adjustments to one pitch which results in different "beats" by the slight pitch differences. The thing I cannot figure out is how to make this offset controllable with *another* control pot. I'd like to be able to have the ability to scale the offset between say 70% and 100% (actual range is not important). It seems simple but I'm just not getting there.

I kind of approximated this using the Multiply block but it did not give the result I was hoping for. Here's what I am working with (BTW - this is just for a kind of Glockenspiel type patch...also outputs tied together is just for listening in both ears).

Attachments

(./download/file.php?id=179&mode=view)

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Re: Scalable Offsets (#p3201)

by **madbean** » Thu Aug 30, 2018 1:19 am

Looks like Control Mixer gets me pretty close to what I'm asking. Setting the second pot with a gain of .15 seems to do the offset I was after.

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Re: Scalable Offsets (#p3202)

by **Digital Larry** » Thu Aug 30, 2018 6:07 am

Control Mixer is just an "ADD" instruction at its core. Glad you figured it out.

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