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Subject: Mike's New No Limit, different latency than old  
Posted by [Rod Lincoln](#) on Thu, 02 Oct 2008 16:56:56 GMT

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I've been doing some mixing, and have been trying to do some parallel compressing using Mike's version of No Limit with another track. I've noticed 2 things.

First, the latency is different than Chucks original version. With the lookahead set to 25 ms (which is where I usually put it, I haven't tested other lookaheads on Mikes pulg yet) to get Chucks No Limit sample accurate I nudged back 27 ms (25+1+1) in Paris (at 44.1)

and set sampleslide to 78 samples. This yeilded total cancellation with the source track. With Mike's No Limit, set to 25 ms, I have to back up only 25 ms (the 25 button) and add in 16 samples on sample slide to cancel.

One other interesting thing worth noting is cancellation happens at "0%" and "93%" on the mix knob, assuming both channels are set to the same level.

If I go to 100% on the mix knob, cancellation happens when I raise the fader of the Nolimit channel to 0.9 (the comparason channel is set to 0)

Interesting, but not an issue.

The latency change is worth noting if your doing some Parellel compression or compressing some phase coherent mics, like in a drum kit.

Enough geekdom. I must get back to mixing.

Rod

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