
Subject: DC Offset and checking in
Posted by [mike audet\[3\]](#) on Sun, 17 Feb 2008 17:31:05 GMT
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Hi All,

I've been working on a mono-band version of the multiband compressor so that we could use less dsp when there is just one offending band. This will be great for compressing just the lows or as a deesser.

I've got the mono version working, and I should have the stereo version finished soon. The mono version allows 4 instances, compared to two instances for the full multi band.

I've been investigating the DC offset issues in the crossover. It seems that whenever any PARIS eq is set to a narrow band and at a low frequency, it generates some DC offset. I've tried putting various DC offset filters before and after the EQ, but they don't seem to help.

If anyone out there is skilled in DSP math and has some ideas for how to filter this better, I would love to hear from you. As of right now, I'm out of ideas on how to fix this. Not that it is a huge big deal. I'm getting .1% DC offset measurements by just tweaking the settings to minimize the effects.

Anyway, I just thought I'd check in and let everyone know I'm not dead.

All the best,

Mike
