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Subject: MP3Gain and Phase

Posted by [Adveser](#) on Thu, 22 Jul 2010 18:51:54 GMT

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I was wondering if anyone could help me out on this issue.

I have noticed a dramatic improvement in quality when I changed the amplitude settings from 89db to 93db. The reasoning is that it provides a better S/N ratio and overall is much closer to the level CD is usually mastered at. I noticed a great improvement in high order harmonics and a much more natural stereo sound. I have always gotten the impression that any sort of attenuation tends to tame the higher frequencies but not so much the lower ones.

Anyway, whatever the case may actually be as to what is going on, we all know that if you boost mids they are going to be phasey, but if everything except mids is cut, there is no problem. So what I am asking is that if I have an album that was mastered at 90db and MP3gain kicks it up to 93.5 (and obviously reports clipping that is inaudible/irrelevant as far as I am concerned. Edit: and I mean I can actually see it is not hitting zero on a waveform editor)is this going to cause the same phase issues that would occur if you changed the master/pre-amp of an EQ?

Let me be a little clearer if any of that was not. Does boosting a signal create any phase difference? How about if a "clean" signal is clipped slightly? Does that make any difference?

If you are reading this and use MP3gain, please, try out a 93 (older masters) or 96 (modern mastering) decibel setting. I'm sure you'll find it more accurate sounding as I did.

Thanks for any replies.

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