Subject: Re: Mono "flanking sub"
Posted by jonone on Tue, 10 Nov 2015 20:06:17 GMT
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I've dialled in the flanking sub for now as I'm waiting for my sub driver from ae, I was then going to use that nearfield as I'm only using one so I should get the most tactile output.

I was going to run that from the lfe channel with a 60hz crossover so it's not localisable this also means the mains are being relieved of some bass but the flanking sub get high passed at 60hz too, so maybe I should run them full range as I will get better smoothing by having all three overlapping fully? The down side is I may loose some content from the lfe channel, (did you get to the bottom of that) and I beleive there will be some intermod distortion from the mains although the manufacture has told me only a 100hz and above crossover helps with that.

I have a mountain of a room mode at 40hz, (you can just see it peaking out in my graphs) the flanking sub helps reduce it, I was thinking the crossover at 60hz will also reduce it as the mains and flanking sub are rolling of, but maybe not high passing the mains/flanking sub and just over lapping the nearfield at circa 60hz will actually help depending on how it sums?

Do you think I can improve the 200hz region or are flanking subs done at 150hz?

Lastly, my nearfield sub will have a sweepable phase knob 0-180, does this effectively do the same thing as delay? Or do I get it as flat as I can with that then try and adjust the delay afterwards?
Thanks again for your help, I appreciate it!

Jon