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Subject: Mono "flanking sub"

Posted by [jonone](#) on Sat, 24 Oct 2015 10:50:41 GMT

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Hi,

I'm using av1 adm10 active monitors as mains, they are on wall brackets so very close to the wall, they have a summed mono subwoofer out which is a full range summed signal of the left and right channel, this is what I'm sending to my single "flanking sub" which is a down firing acoustic elegance td15h+ Apollo in a 17.5" cube with its on plate amp, it's a very clean driver.

I have an Av amp which at the moment is set to "fronts large" and sending the mains the l/r signal, the flanking sub gets a summed version of this.

I'm waiting on ae to make my sub driver which will be a single Av15h with its own plate amp, I'm planing on running this nearfield with maybe a 60hz crossover, so in the end the av amp will send 60hz hp to the mains+ flanking sub and the 60hz lp to the nearfield sub for lfe etc.

I'm going to use a mini dsp for gain/ delay and eq, and also the crossover for "flanking sub" but at the moment I'm just using the 200hz roll off on the plate amp with good effect, the minidsp has bw / Lr and Bessel crossovers, is Bessel the one to use?

I'm using rew and a umik mic to set this up with the mini dsp but it's all new/ a big learning curve, so you have to bare with me!

I know this is not a true flanking sub method! but a summed mono "midbass" driver covering -up to 200hz, seems to work from initial listening, I.e the stereo image isn't obviously effected to my ears, and according to rew it's helped pull out some dips compared to the speakers on there own. I can't really afford more drivers due to cost and space and divorce!

What are people's thoughts on what I'm doing?

Thanks,

Jon

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