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Subject: Re: Mono "flanking sub"

Posted by [johnnycamp5](#) on Sat, 16 Jul 2016 16:48:53 GMT

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Wow.....

page 7 of this thread is a great bit of info.

I've been wondering about "delay" for the flanking subs as well, but Wayne confirmed my thoughts, with using "positioning".

I see a ton of home theater guys (example AVS forums) use electronic delay as if there is no question about it.

Why would anyone use electronic delay, especially when it only corrects in one plane (depth)? Perhaps if you cannot adjust your mains from your subs in depth (all the same distance from the front wall), but can have the subs positioned next to (left or right) and lower than the mains, it can be of use?

I've always felt that electronic delay, used incorrectly, might be as bad as room eq. We all know what room correction eq does

I've seen some stereo mains (typical tower speaker) designed in such a way that the bottom of the front baffle is out in the room more than the top (in other words, a tapered cabinet that is deeper in depth at the bottom than the top).

I understand this is to place the woofer/woofers out closer to the listeners, as to correct for the slight delay in timing/phase between the bottom woofers, mid range, and top tweeters.

If this line of thinking has merit, wouldn't this lead us to believe that placing the flanking subs out in front of the mains, closer to the listeners, with the mains being backed up against the walls might be another way of positioning?

The only thing I can think of is, the mains should be toed in, therefore generally positioning the mains out in the room more than normal, suggesting you put the subs against the front wall.

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