
Subject: Re: Amp for 4pi speakers

Posted by [vandevoordekoen](#) on Wed, 28 Nov 2018 21:17:15 GMT

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Wayne Parham wrote on Tue, 27 November 2018 16:47 But when I've run subwoofers as "helper woofers" - in the configuration I call "flanking subs" - I generally don't run them that high. They are localizable if the rolloff is made too high. I generally use low-pass between 90-120Hz second-order, which provides quite a bit of output in the 100Hz to 200Hz region because rolloff is so gradual.

You could try 150Hz second-order, which would definitely provide output up to 200Hz and beyond. But it might start to sound unnatural when run that high.

Thank you for the answer, Wayne. I've read the post through and I realised that this was exactly what I tried to do a few years ago in our previous house! :)

This was my setup with (temporary) flanking subs:

This was the measurement with one flanking sub:

With the second flanking sub:

Bass response improved, but the 100hz-300hz was still too pronounced to me.

... which made me sell the subs. :(

I might buy new ones (but maybe smaller ones that blend aesthetically more in our living room, really "helper" woofers that won't go lower than the JBL woofers).

But I guess that those helper woofers will particularly fill the notches but won't lower the complete 100hz-300hz frequency range that is a little bit too pronounced because of our room acoustics?

File Attachments

- 1) [mains + sub + eq emc8000.jpg](#), downloaded 1320 times
- 2) [IMG_1314.JPG](#), downloaded 1302 times
- 3) [+1 sub.jpg](#), downloaded 1323 times

- 4) [+2subs.jpg](#), downloaded 1264 times
 - 5) [mains + sub + eq emc8000 enkel sub no smoothing.jpg](#),
downloaded 1322 times
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