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Subject: Re: 3Pi speakers - various questions

Posted by [Wayne Parham](#) on Sun, 07 Oct 2012 16:43:19 GMT

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Can you put the subs just to the outside of the mains instead?

If you put them in the center, they'll act as a single source. Three feet of separation isn't enough, except to smooth self-interference from nearest boundaries which you won't have because of your in-wall mounting. So you could benefit more from more separation of bass sound sources.

If you put the subs outside the mains, they'll be separated enough to act as separate sound sources at lower frequency. Then, between the subs and the mains, you'll have four bass sound sources. That will help smooth room modes.

I think probably your best placement would be to have the subs at side wall midpoints. But this is really just a guess - without measurements, you cannot know for sure. One thing I can know for sure though, and that's that the more bass sound source locations, the smoother the modal range will be. So that's why I think I'd try to spread out the woofers, and not have the mains sitting right on top of the subs, nor have the subs grouped together. Spread them around, put them in different locations separated by several feet.