
Subject: 4Pi Placement

Posted by [Nick77](#) on Sun, 24 Nov 2013 12:57:17 GMT

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I'm sure this has been discussed a million times but don't see a thread. I have a new room and haven't been able to dial in speaker placement yet.

Room is 14x18 with speakers on the 14' wall spaced 8' apart and toed in crossing in front of listening position by a foot or two.

Listening position is 8' back, but the speakers back edge is nearly against the wall, do these need to be out in the room a bit??

Soundstage right now seems hollow and placement is more way back in the auditorium.

Haven't addressed any room treatments yet, I have an open 4' door to hallway that will eventually have a sliding barn door. Maybe that is creating a huge suck out or something??

I also just put them on 15" stands which took away a wee bit of bass content, still adjusting to that.

I'm also breaking in some cryo receptables and cryo romex in wall wiring, may have some effect also but has been in use several weeks.

This hollow sound stage is frustrating.....

Subject: Re: 4Pi Placement

Posted by [Wayne Parham](#) on Sun, 24 Nov 2013 17:37:10 GMT

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The main thing is to cross the mains axes in front of the listeners, and to use flanking subs. The flanking subs will both add extension and also smooth the self-interference notches from the wall behind the speakers, vertical modes and other similar anomalies.

High-Fidelity Uniform-Directivity Loudspeakers

Imaging, placement and orientation

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Room modes, multisubs and flanking subs

Subject: Re: 4Pi Placement

Posted by [Nick77](#) on Sun, 24 Nov 2013 19:47:41 GMT

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Thanks Wayne, I will check out the links. Hoping to get some room treatment and diffraction going soon also.
