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Subject: Re: Let's talk about 4Pi Speaker Stands =p  
Posted by [Wayne Parham](#) on Fri, 16 Mar 2012 14:53:58 GMT  
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I like using stands that are 12" to 15" tall, and have 3°-7° tilt. The reason is this puts the acoustic center at ear height, and maintains a nice forward lobe that is centered. A very important secondary reason is the angle helps to cradle the speaker, using a back stop on the platform that the speaker rests upon. Just put a rubber mat or feet under the speakers and they'll hang on tight.

I actually prefer the lower end of the scale, 3°-5° these days. A few years back, I preferred the

(+20°/-25°). So a little more back tilt helped center it. But we changed one component to move that lobe up a smidge, and now it's perfectly centered too.

All of this is probably minutia, just being a perfectionist. The forward lobe is nice and tall, easy to work with. It's not so tall that you get a bunch of ceiling slap, but it's tall enough to cover the listeners at practically any natural height even from just a few feet back. They can be standing, sitting in a chair or sitting on the floor and they'll not be in a null, or outside in a secondary lobe. Movement of a couple degrees up or down is really a non-issue. But hey, what's wrong with perfection?