Subject: Re: Speaker placement
Posted by Wayne Parham on Thu, 30 Mar 2006 15:06:36 GMT
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OK, so you don't have electrical crossover to rolloff your subs. You depend on the electro-mechanico-acoustic properties of the subs to roll them off instead. The distinction is irrelevant; The point is that there is output from multiple randomly-placed distant sound sources as high as 150Hz in your proposed configuration. That's pretty high frequency for subs - 130Hz is C below middle C - Definitely getting into the midrange at that point. I would not want that coming from multiple randomly-placed distant sound sources, not at all. I think it's worse than the room modes it tries to correct. Better to use a different configuration, in my opinion.

But I'm open minded. I plan to model your configuration as well as several others with CARA. I'll have to setup a system like that too; I'd like to hear what it sounds like.
Computer Simulation of Room Acoustics