Subject: Re: 4pi vs 7pi
Posted by Wayne Parham on Sun, 05 Oct 2008 16:42:19 GMT
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Your placement situation is ideal. Don't change the orientation - the're designed to be toed in exactly 45°, as their shape and corner placement suggests. The speaker is designed to provide uniform directivity through a 90° arc, and response is good everywhere within the pattern. Imaging is best when you're equaidistant from each channel but the tonal balance is good everywhere in the room.Room treatment is specific to the room. What you want is well damped room modes and reduced early reflections. The directivity and orientation of the speakers helps reduce early reflections but if you have a lively room, you can always add absorbing or diffracting surfaces. Framed drywall construction helps damp room modes but if you have rigid walls, you might want to add panel dampers. Adding subs also helps, as the more bass sound sources you have, the more the modal region is smoothed via dense interference.