
Subject: Re: Speaker placement and wavefront launch
Posted by [Wayne Parham](#) on Thu, 06 Oct 2011 05:29:29 GMT
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from the illustrations. You really notice the difference in the midrange. That's not to say the four loses little, when properly setup. But the benefits of a constant directivity cornerhorn are obvious, and the difference is noticeable. Well worth doing if you have the right room.

So what's the right room, you ask. It's not really just about size, although larger rooms almost always tend to sound better than the smaller rooms, all other things being equal. But with a constant directivity cornerhorn, you need unobstructed wall space from each corner for about six feet on each side. You also need to be able to sit behind where the forward axes cross, which means you must be able to sit back at least half the distance the wall is wide. If you have a 20 foot wall between the speakers, you have to sit at least 10 feet back, which generally means you need a pretty deep room. You don't want to sit right on the back wall either, you want to sit several feet away from the wall behind you.

More information at the link below:
[High-Fidelity Uniform-Directivity Loudspeakers](#)
