Subject: Theater Seven Pi Question.
Posted by Ed White on Sun, 28 Oct 2007 20:25:53 GMT
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This is just a suppose, thinking out loud question.If a person's Theater Seven Pi's were, well, in the corners of the listening area, but 15 feet apart, and the listing spot was not perfectly optimal...say in a square room. Mine is square. Would it be possible or at all advisable to have the midhorn/tweeter setup on separate stands inside the bass units...say 8 feet apart? The bass units being in the corners of a 15 ft wide room and the mid tweets being located between them on stands at listening. Will that mess up imaging?

Subject: Re: Theater Seven Pi Question.
Posted by Wayne Parham on Mon, 29 Oct 2007 01:13:46 GMT
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You don't want to do that. The midhorn needs to sit squarely on top of the bass bin for several

summing. The crossover depends on that. That's the main thing, really, and is a deal breaker for remote positioning. The midhorn doesn't go low enough to be placed remotely, because you would need a lower crossover point, like what you might do with a subwoofer.There are also other reasons for wanting the midhorns in the corners on top of the bass bins. One is that the corner helps smooth midhorn response. It is physically large, but it is acoustically small at the lowest frequencies. Corner loading helps make it act like a larger horn and smooths its response. Also,

room corner. Each sound source is toed in 45° with a pattern that covers 45° on either side. This creates a uniform reverberent field. When moving the midhorn and tweeter away from the corner, you lose these benefits.

Subject: Re: Theater Seven Pi Question.
Posted by Ed White on Mon, 29 Oct 2007 17:22:25 GMT
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Aha.I'm making the midhorn/tweeter as a one piece removable unit, and was trying to understand the placement envelope of these as it's design parameters allows. God knows this thing would be a beast if were all built into one cabinet. You'd need two men and a truck to move it. It was just a thought. Has anybody ever done a center channel with these guys...kinda like the old Klipsch method? The Sevens in the corners and maybe a 4 pi in the center with the old school center channel wiring setup?Building stuff tends to put you into a sorta mad scientist mode, I'm afraid. It's fun to play with ideas, though.

Subject: Re: Theater Seven Pi Question.
Posted by Wayne Parham on Mon, 29 Oct 2007 20:26:41 GMT
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You're right, making them as a single unit would be a bear. We build them as three pieces and