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.