Subject: Re: Upon further investigation..
Posted by Wayne Parham on Tue, 29 Jun 2010 14:37:13 GMT
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Again, I think the 2.5-way approach is a good idea but think multisubs are better. Of course, you can always do both.

The thing is, when building speakers, the thing that separates the decent DIY efforts from the really sweet speakers is the amount of time spent making useful measurements. You can do a pretty good job with just modeling tools, but you can do a much better job with accurate measurements.

A good measurement system can provide visibility and help you know what direction to take. It does take some effort though, since a variety of tests must be run and you have to know what to do with the information you gather. Since these speakers are designed for uniform directivity, you can't make just on-axis measurements but also need to do several measurements at various angular positions.
Crossover optimization for DI-matched two-way speakersIt's no small effort, and if you aren't up for it or don't have the equipment, it's probably better for you to stick with my plans, leveraging the work I've already done.