Subject: Re: My Speaker Project - Looking for Advice
Posted by Wayne Parham on Tue, 24 Nov 2015 18:54:47 GMT
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Looks like a great design! I'm all about speakers like that.

My only advice is to make sure to pay attention to summing through the crossover region, and I'd match the polars as well. I wouldn't set my sights on a particular crossover frequency and slope, but rather on the summing and the polars. It will be somewhere in the ~1kHz range, but you may move it above or below that a couple hundred Hertz and you'll probably arrive at asymmetrical slopes for best results.

The link below shows what I'm talking about in more detail:
Crossover optimization for DI-matched two-way speakers