Subject: Re: Talk me out of this crazy idea
Posted by Wayne Parham on Wed, 09 Dec 2009 16:22:32 GMT
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It looks like that might be a pretty fun speaker to build. Hard to know for sure how to crossover without playing with the drivers a little bit, but my gut feeling is you're right on the woofer to mid crossover. Overlap is your friend in the modal in the region because it adds the number of sound sources. I might be tempted to put a coil on the woofer to prevent it from going up too high but as long as you're not worried about over-excursion on the mid, I'd run it as low as possible. The mid-to-tweeter crossover is where I'd pay more attention. That's the place that can really make or break a speaker, in my opinion. If the tweeter does OK down low, you could try a first-order to keep it simple. If not, you might have to go higher-order and dial 'em in to match them up.