Subject: Re: 3pi/ 4pi plans
Posted by hot grits on Wed, 14 Apr 2010 01:20:43 GMT
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thanks for the reply. Must get pretty annoying answering questions about modifying plans that you spent countless hours on, and give out for free. I do appreciate your patience.

I think I am going to definitely go with the 3PI with a couple of modifications. I have to get these to look a little more livingroom friendly to get it pass the wife.

From reading old posts it seems it would be better to make the cabinets deeper rather than taller.

I plan on having an approximately 16" baffle with either large facets or a big roundover, maybe 3 inches.
I will keep the driver distances from each other the same.
I would like to center the port widthwise under the woofer.
The baffle might be 2.25" deep if I go with the facets.
If I change the height, maybe I should curve the sides, back or front to help deal with standing waves.
I am also thinking of building the enclosure angled up a couple degrees toward the listener sort of like a parallelogram.
And finally instead of building stands. I might build it to look like a floorstander in which the bottom of the enclosure is seperated from the actual speaker enclosure as to not effect the enclosure volume.
Is there a certain height the woofer should be limited to off the floor.

I am planning to buy your premade crossover for this project. With all these changes I am doing, I wonder if I should go the active Xover route. Of course I would rather not have the expense of buying amps but I am a little nervous that I am deziating too much from the plans.

Sorry for all the rambling.