Subject: adding a midrange to the pi speakers
Posted by djstan on Tue, 14 May 2002 20:07:04 GMT
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Wayne Curious about adding a pro-midrange to the stage 4. I happen to have a couple of audax 8 inch mids, HT21OT0 drivers I would like to try in the mix. These are 96db and published specs are absolutely flat from 200 to 6k and drops about 10db per octave on either side. Would it change the response of the PSD2002 crossover if I add a midrange to the mix? Was thinking of running the mid from about 300 to 1600 or 2000. Or would a whole new design be the best remedy. I know Yorkville uses Audax mids in their high end pro speakers.

Subject: Re: adding a midrange to the pi speakers
Posted by Adam on Tue, 14 May 2002 20:10:33 GMT
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If you are talking just overlapping them, it's really not a good idea. You'll get increased amplitude over that frequency range and also weird impedance issues. I don't think the Stage 4's can be much improved without starting from scratch.I'd take the Audax between 200 and 1500 Hz, maybe 2000 Hz... Although I really don't think you'll see much improvement from doing this.Adam

Subject: Re: adding a midrange to the pi speakers
Posted by Wayne Parham on Tue, 14 May 2002 20:51:55 GMT
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If you re-work the crossover, you can add a midhorn and make a three-way instead of a DI-matched two-way. Both are good designs, in my opinion.