Subject: Gettin' down to Crossover Cases
Posted by DRC on Wed, 30 Oct 2002 19:37:19 GMT
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Wayne, your 1602's just got here. They are something else!Being just a tad impetuous, I'm using them crossoverless with a 1in dome coming in around 2k, "borrowed" from a system that's 94dB/w/m. In doing further reading, I see that folks (Dr. Edgar & others) view the 1602 as more like 94-95.5dB efficient for the range it's likely to be used in, so it's not a bad match just to get "a taste."Can anyone tell me what I should be doing for the 3-way crossover using the 1602 x-ing over to JBL 2123 @ 300, x-ing over to the Eminence in a Martinelli horn at 3k? Since it's a 3 way using points higher and lower than usual, two drivers not spec'd in the std Pi docs, and the third in a different horn flare, I have no idea what parts of the standard Pi xover docs might or might not apply.In other words: Duh! Help!Thanks. Keep your ears and your mind open.

Subject: Maybe you might try posting this over on the Hi E forum as well!(nt)
Posted by Garland on Wed, 30 Oct 2002 21:09:32 GMT
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nt

Subject: Re: Gettin' down to Crossover Cases
Posted by Wayne Parham on Wed, 30 Oct 2002 22:45:25 GMT
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tweeter, exactly as on the two-way units. For the 300Hz point, the components used in a passive unit get a bit large, so it might be better to go active. But if you also want the option of using a single amp - and so need a passive unit - I have some suitable units being built right now, so let me know if you're interested. That way, you'll have the option of using the speakers either multi-amped or with a single amp.

Subject: Re: Gettin' down to Crossover Cases
Posted by bmar on Thu, 31 Oct 2002 01:03:59 GMT
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I'm in agreemant with Wayne. I cross my system just a little higher. 400 and 1900. Thats the range though. 300-500; 1.6k-2kactive you can dial it in nice. passive will cost a fortune for a 3way everytime you want to try something new. I would still say that even if ultimately you want a passive, you should start out with an active if you have the amps. this will get you reall close to the final passive components you will need.Bill

Subject: Re: Gettin' down to Crossover Cases
Posted by Garland on Thu, 31 Oct 2002 09:59:31 GMT
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Dave, look's like your going to need a pair of Parabees built along with the Pi 4.5's! But then again there are those AN amps laying around...!G.