Subject: Studio .5 pi idea
Posted by sdoow on Thu, 25 May 2006 15:50:15 GMT
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Wayne, I have been toying with the idea of building some speakers for HT. For the surrounds, BR box tuned to 80-100hz w/Alpha6 and DX25. The speakers need to fit on shelves 11.5h x 14.5d x 19w. Sub, as yet undecided, so many possibilities. I had been contemplating the Studio One Pi, which would fit, but I want to keep the tweeter above the woofer, thus the desire to try a 6" woofer.Any thoughts?Sincerely,Greg

Subject: Re: Studio .5 pi idea
Posted by Wayne Parham on Thu, 25 May 2006 18:05:46 GMT
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I think it will probably work out very nice but no bass. Even the Alpha 8 is a little lacking without boundary loading and/or cabin gain. But with a sub, your six-incher could sound very good. If you just don't need anything below 100-150Hz or so, you'll probably have a very nice sounding speaker above that.

Subject: Re: Studio .5 pi idea
Posted by sdoow on Thu, 25 May 2006 20:09:53 GMT
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Thanks Wayne,I figure I'll play around with PiAlign, BoxPlot, WinISD, and maybe some other programs before settling on final tuning. Since I will be using them for 5.1 HT duty I think 100-150hz should work reasonably well. Obviously the lower I can go the more seamless the transition to the sub will be. I plan on following your lead regarding the X-over, allowing the Alpha6 to roll off at around 4K.Greg

Subject: Re: Studio .5 pi idea
Posted by Chris R on Thu, 25 May 2006 22:30:30 GMT
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Look at some of the A/V Foxtex drivers. I've used several is a Pi sort of arrangement and have been very happy with them.Try: FE-127's, FE-167's, etc.Chris

Subject: Re: Studio .5 pi idea
Posted by sdoow on Fri, 26 May 2006 15:04:13 GMT
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Thanks Chris,Thankfully, I have an RPTV so shielding is not neccessary.I have several RS 40-1197/FE103's, and have been generally pleased with them in folded TQWP's. They are somewhat less satisfying in a BR, sounding a bit thin to my ear. The advantage that I see of trying a sort of .5 Pi, at least compared to what I have, is better off axis response with the DX25, slightly higher overall efficiency, and greater dynamics with the Alpha6.I just want to make sure that I am not completely off track with my thinking before I plunk down any cash.Greg

Subject: Re: Studio .5 pi idea
Posted by GarMan on Fri, 26 May 2006 22:30:06 GMT
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Have a look at the Eminence LA6-MB. It's kind of a of beefed-up Alpha-6 and can take you down below 100Hz on a vented box.