Subject: Pi seven port size using Altec 421A 15" Drivers
Posted by jumpin on Sun, 09 Nov 2003 17:45:11 GMT
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I am building a pair of Pi Sevens using altec 421A 15" 8ohm drivers. Could someone advise on correct port lenght and dia. Any advice on bracing would also be helpful. I am using 18mm MDF.Cheers Jumpin

Subject: Re: Pi seven port size using Altec 421A 15" Drivers
Posted by Wayne Parham on Sun, 09 Nov 2003 20:41:07 GMT
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According to "Great Plains Audio," Altec specs for the 421-8H are as follows:Vas = 12.8ft3Fts = 32HzQts = 0.25Based on these values, PiAlign recommends a 3.2ft3 cabinet tuned to 48Hz using a port that's 7.5" long, 4.6" tall and 8.2" wide.Response is nice and flat with 60Hz f3 and 40Hz f10.If this isn't the driver you have, you might consult the Altec T/S Specifications chart at Great Plains Audio to obtain the specs you need.

Subject: Re: Pi seven port size using Altec 421A 15" Drivers
Posted by Manualblock on Sun, 09 Nov 2003 23:53:03 GMT
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Hi; What hf driver will you be using if I may ask, Only because I use the 421 in an 4.2cu.ft. enclosure base reflex tiangular shape with an 811/806 on top and the stock 800 hz. xo and would be interested in your chioce of hf.

Subject: If I am not mistaken...
Posted by Shanko on Wed, 12 Nov 2003 00:36:31 GMT
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..I think Jumpin is using another big round tractrix (Oris variant) loaded with PM2A's. Crossover around 140 hz. He hasn't answered because he is cutting panels for his 7Pi's!