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Subject: Re: Great Plains Audio 704-8A - more notes  
Posted by [spkrman57](#) on Sun, 10 Jul 2005 17:38:26 GMT  
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Bill, I have found that Altec 1" drivers play much better at 1.6kHz than at 800Hz or 500Hz. The crossover on the 704's is a Altec N1500 (1500Hz) and it seems very close from what I could see on the exposed side to resemble the crossover for the Model 19. Bill Epstein is building my new cabs for the 704's. It will start out as a 10 cu ft (exterior) and will have approx 8.5 cu ft after subtracting the bracing and driver volumes. I told Bill I wanted a port size of 6" x 10" x 14" deep. Not sure how exact that will be, but I bet with that size cabinet it should work out okay. Currently the 4.5 cubic ft cab tuned to 40Hz has bass, but I would have to admit it is down approx 6dB relative to everything else, so it sounds kind of thin. This system will not replace my separate horn-loaded systems that I like to tinker with. As soon as I get some room in the house, I plan to install my 4 16 ohm 2226J's (JBL) in the 4648 cabinets and run a 399 (Altec 288K) 1.4" driver on 311-60 horn and see what happens at 800Hz crossover. I have tried it out with a 1.6kHz crossover and was surprised that it played the HF notes almost as good as my 1" drivers!!!! I would love to have a 1.4" throat round traxtix horn (ala Edgar) with a 650Hz flare rate to be used at 800Hz, and without using a adaptor like I did before with my 288C on 350Hz Edgarhorn. When is your next trip across the border here to Ohio??? Ron

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