Subject: corner horns for JBL 2245H
Posted by Don Reid on Wed, 05 Oct 2005 02:07:54 GMT
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Dear Mr. Parham:I have a pair of JBL 2245H 18" woofers I have enjoyed using in huge bass reflex enclosures of my own design since the early 1980s. Recently I have made a pair of Oris 150 horns driven by AER MD3s (with Fostex T900A horn tweeters already purchased and soon to be added) my main speakers with the bass horns of Klipschorns handling the frequencies below 160Hz.I wish to find a good design for corner horns using my JBL 2245Hs as drivers. I am considering your SevenPi corner horns, but compared to the Klipschorn corner horns they appear to be simple to the point of being simpleminded. Also when I read the TS frequency response graphs for the SevenPi the expected performance seems to mark them as serious underachievers. Am I missing something here? Please comment on my concerns about your design.Sincerely,Don Reid

Subject: Re: corner horns for JBL 2245H
Posted by Wayne Parham on Wed, 05 Oct 2005 06:47:44 GMT
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which ones you like best. Since you already have the woofers, you might try them out and make

easier than Klipschorns so you have nothing to lose.I like Klipschorns a lot but I don't think they're

good and the sound isn't as good. I think this is most true in the lower mids and the deepest bass at any volume level, but when pushed hard, the difference is even more pronounced. The seven

Subject: Re: corner horns for JBL 2245H
Posted by Don Reid on Wed, 05 Oct 2005 15:50:58 GMT
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Dear Mr. Parham:I apologize for what some might perceive to be an excessively disparaging or even testy tone to my first post. I am a brain damaged rapid cycling manic depressive, and this sometimes makes me a bit abrasive.If I am reading the plots on your website correctly the plot for the JBL 18" driver in a Pi Alignment shows it to be a full Bel down at around 45 Hz. I am guessing that this does not reflect room boost, but I don't know. Also is this the 7Pi corner horn alignment?Do you know or could you give me an educated guess of what sort of deep bass response I could reasonably expect from my JBL 2245H 18" woofers in extremely strongly constructed 7Pi corner horns in a good room?Thanks for your time.Sincerely,Don Reid

Subject: Re: corner horns for JBL 2245H
Posted by Wayne Parham on Wed, 05 Oct 2005 22:17:43 GMT
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27Hz, without considering room gain. The JBL 2241 and 2242 are also suitable, and they each