Subject: 4 PI with JBL 2370a instead of H 290 box plans
Posted by Russellc on Wed, 15 Sep 2004 00:17:55 GMT
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Wayne,I am currently locating a cabinet maker in the K.C. area for my 4 pi JBL stage size boxes. Bill Martinelli suggested if I wanted to use the 2370AThat you had a plan for a box that would allow it. Could I possibly get a copy of the 2370A version? It would be much appreciated!
Thanks in advance for all your help, Russellc

Subject: Re: 4 PI with JBL 2370a instead of H 290 box plans
Posted by Wayne Parham on Wed, 15 Sep 2004 05:26:18 GMT
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large enough. Bill may have been suggesting that you mount the horn externally. Alternatively, the 2205, 2225 and 2226 drivers all work very well in vented cabinets from 2.0ft3 to 6.0ft3 tuned to 40Hz. So you could use a larger cabinet that would allow you to baffle-mount your 2370 horn.

Subject: Re: 4 PI with JBL 2370a instead of H 290 box plans
Posted by Bill Martinelli on Wed, 15 Sep 2004 16:04:52 GMT
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Sorry, my mistake. I thought there was a plan for the 4 pi pro with a JBL horn. Looks like you'll have to use the H290 horn. JBL uses a slotted vent on some cabinets along side the woofer in some cases where the upper portion of the baffle is filled with a horn.Bill

Subject: Re: 4 PI with JBL 2370a instead of H 290 box plans
Posted by LAL on Wed, 15 Sep 2004 21:23:54 GMT
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Wayne,I notice that the JBL 2370A horn is much more expensive than the Eminence H290 in the Parts Express catalog. What sonic advantages,if any, does the JBL horn have to justify the price difference? Is there anything about the material used to construct it or its design that would make the JBL more desirable than the H290?

Subject: Re: 4 PI with JBL 2370a instead of H 290 box plans
Posted by Wayne Parham on Wed, 15 Sep 2004 23:03:30 GMT
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The 2370 is an excellent horn and can be used at a lower crossover point. That said, I really like the H290 and don't ned the lower crossover point anyway. I crossover to 1" compresson horns at 1.6kHz in most everything I use them in.

Subject: Re: 4 PI with JBL 2370a instead of H 290 box plans
Posted by Russellc on Thu, 16 Sep 2004 00:14:40 GMT
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Thats OK, I really like the look of the 4 PI in the plans anyway,and I have the H 290 flares from Pi speakers, (ultra quick delivery by the way) so I'll just stick to the original plan. Looking at the plan,I couldn't think of a way to align things to accomodate the larger horn with out changing the box size/dimensions. On the other hand, you could fill a battleship with things I haven't thought of! With a cross over around 1600 hz I don't see much advantage sonically in using the jbl, but I have a line on 2370a used and like having the JBL part to use. If I use them, I guess it will be like my A-7s, setting on top. On yet the other hand, PI speakers delivered the H 290s in just a few days, at a cost much lower than even used JBL. I appreciate all the input and ideas from Bill and everybody, but I'm going to keep it simple and stick to the plans with the H 290s. Now to find a cabinet builder! Thanks again, Russellc

Subject: Re: 4 PI with JBL 2370a instead of H 290 box plans
Posted by LAL on Thu, 16 Sep 2004 01:54:28 GMT
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Russell,If you are looking for a cabinet builder you might try inquiring on the Madisound forum. There are a number of knowledgeable speaker cabinet builders there. You might be able to locate someone there who resides in your general area who could help you.

Subject: Re: 4 PI with JBL 2370a instead of H 290 box plans
Posted by Russellc on Thu, 16 Sep 2004 23:47:27 GMT
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Thanks for the tip, I will check it out. Definately would help to find someone in the area, would save shipping, which would be high for a couple of well built cabinets. Regards,