Subject: Tweeter questions
Posted by JohnR on Wed, 03 Apr 2002 18:05:00 GMT
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Hi folks, I have downloaded Wayne's giant :-) crossover document and will attempt to digest it over the next couple weeks. In the meantime, I have a couple questions..- Is it OK to just mount the tweeter on the top of the box instead of in the baffle? Will the crossover need to be adjusted because of this?- Where is a good place to buy the HF drivers? I'm just trying to get an idea of pricing. Many Pi models use the PSD2002 and H290 horn? I see the PSD2002 at Adire for $89 but no H290.Thanks!JohnR

Subject: Re: Tweeter questions
Posted by Sam P. on Wed, 03 Apr 2002 18:43:28 GMT
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PE had the PSD2002's for $61.01 last Feb. Check their web site, they give you the price via email almost in real time usually. Try to minimize the separation between the drivers by mounting the woofer high on the front baffle. Sam

Subject: Externally mounted horn tweeters
Posted by Wayne Parham on Wed, 03 Apr 2002 20:43:39 GMT
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Subject: Thanks Wayne, another quick question or two... :-)
Posted by JohnR on Wed, 03 Apr 2002 23:48:50 GMT
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Is the difference in the sensitivity due to the H290 horn? Also, is it possible to compute the mechanical reactance circuit values of a woofer from the T/S specs?Thanks also to Sam P, PSD2002 and H290 are 61.01 and 29.11 from PE :-)JohnR

Subject: Re: Thanks Wayne, another quick question or two... :-)
Posted by dbeardsl on Thu, 04 Apr 2002 00:19:23 GMT
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Wayne answered that same question a bit ago, check out the message.Also, Call Image Communications at 1-800-552-1639. PSD2002 and H290 are 47.31 and 23.50Danny

http://www.AudioRoundTable.com/PiSpeakers/messages/3710.html

Subject: Re: Thanks Wayne, another quick question or two... :-)
Posted by Wayne Parham on Thu, 04 Apr 2002 02:33:42 GMT
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Yes, the tweeter is more efficienct because it's horn loaded. As for determination of virtual circuit values for the mechanical resonance, you'll have to back-solve for those. Measure the impedance curve and determine the LRC values that would create that reactance.

Subject: Re: Thanks Wayne, another quick question or two... :-)

Posted by Adam on Fri, 05 Apr 2002 15:23:20 GMT
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The PSD2002/H290 is 10-12 db louder than the Delta 15.Adam