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Subject: Pi 2 tweeter substitution?

Posted by [xsheaffer](#) on Fri, 19 Sep 2008 04:38:04 GMT

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Hi Wayne, I'm planning a 2 pi tower build and want to use a more expensive tweeter if such a thing can be done without damaging the balance of the (brilliant) original design with the DX25. At first glance, the DX25 seems like it might be a little hard to replace due to how low it extends frequency-wise. There are several promising candidates, but they seem to prefer a higher order and higher freq. crossover. I suspect the speaker as a whole would suffer by crossing the woofer 800-1000Hz higher. Have you any recommendations on a suitable replacement that might offer improvement? If there has been any development you or anyone else could advise, I would love to learn of it. Thanks! Scott

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Subject: Re: Pi 2 tweeter substitution?

Posted by [Wayne Parham](#) on Fri, 19 Sep 2008 16:48:15 GMT

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That's the exact problem I had when looking for a tweeter for this speaker. There are few tweeters with the right characteristics. As you've seen, you need the right combination of sensitivity and frequency range. There are lots of ribbons and dome tweeters that are very nice, but most don't have the sensitivity. Of those that do, most can't be used low enough in frequency. There are some horns that fit the bill, but none had the sound I wanted for this speaker. All were really super-tweeters and just too bright. A 1" compression driver would have actually worked well,

matching with the tweeter; Without it, the crossover point would have to be made higher for matching the Alpha 10 as a direct radiator. But when I thought about it, I already have two very

much alone in my choices.

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Subject: Re: Pi 2 tweeter substitution?

Posted by [Wayne-o](#) on Sat, 20 Sep 2008 04:30:27 GMT

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I have subbed the 1-pi with different ribbons and domes and boses with the higher spl rating and none sounded as good as the DX 25s, I tried the Vifas last and what I found out is that I wasted around three or four hundred dollars. DX 25s sound better and blend better than all the rest, including the Emits the polydomes three different ones, the Dayton's ribbons, and some high price ribbons, three different boses tweeters. OK the Dx-25 surprised me. Hey Wayne P. is the Heil AMT tweeter a good alternate ???

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Subject: Thnaks, you just saved me some money  
Posted by [colinhester](#) on Sat, 20 Sep 2008 17:06:25 GMT  
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I have the One (8") and Two (10") Pi woofers in cabinets by themselves, with a seperate tweeter module sitting on top. I built them this way so I could, at some point, swap tweeters easily. So far I've been very happy with the DX25. Did you change XO points? Do you have a list of specific tweeters you tried? TIA.....C

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