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Subject: higher cut-off for 7pi

Posted by [Larry](#) on Wed, 10 Dec 2008 22:50:28 GMT

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i read in this forum that the cut-off of the woofer for the 7pi speaker is 250hz.what will be the effect if i increase the cutoff to 400hz to accommodate a compression driver in the mids? thanks

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Subject: Re: higher cut-off for 7pi

Posted by [Wayne Parham](#) on Thu, 11 Dec 2008 03:43:19 GMT

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2¢ worth of advice:Don't use a compression driver midrange. One of the design features of the

midrange output low enough in frequency that most of the fundamentals are covered by the midhorn. I'm not opposed to using a midwoofer at midrange frequencies, but I don't like splitting the band there. Middle C is 260Hz, 400Hz is around G above that. I prefer to keep the crossovers outside the two octave band from middle C up.Bottom line is, don't do it. You can

like the ones we make. I'm not trying to impeach your idea, but I have made speakers like that and I found the mids detached from the bass. I prefer a two-way setup with crossover outside the C4-to-C6 band to a three-way with crossover in that frequency range.

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Subject: Re: higher cut-off for 7pi

Posted by [Larry](#) on Thu, 11 Dec 2008 12:33:54 GMT

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thanks for the reply.

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