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Subject: PI mid horn

Posted by [Zene Gillette](#) on Mon, 29 Dec 2008 15:19:52 GMT

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Hi guys ... I thought I'd better quit bugging Wayne and solicit help here. I have P.Audio 12" coax speakers that I think might do well in the PI mids. The EBP is over 220, Fs - 47hz. PI horns are designed for 10's with a 4 1/2" by 4 1/2" throat, a ratio of approx. 2.6:1. Using the same math for a normal 12" the throat would be 5 1/2" x 5 1/2". Here is problem; the true effective Sd (cone area) of the coaxes is about the same as a 10" due to the huge hole for the coax horn. So, do I use the existing horn throat? I'm never clear enough, so you may have to straighten me out on how to explain. I do not mock up or experiment. My first design will be finished complex wood. Thanks, Zene

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