
Subject: Need help with my first build project
Posted by [Faust](#) on Wed, 12 Apr 2006 00:34:15 GMT
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Hi, I found a little driver that I'm interested in (Dayton Quatro 8"), and Parts Express even has recommended enclosure plans for it. I am planning on building the vented enclosure plan found here:<http://www.partsexpress.com/pdf/295-545%20vented.pdf> Looks like a good and easy first build. However, I have a couple of questions. First, how the heck do you fit an 11" tube into a 10" cube. Am I missing something here? Second, can I believe the specs listed on page 3 of the pdf (specifically the custom amplitude response)? If the specs are correct, this is an awesome little box. I'm glad I found audioroundtable. You folks have great forum here. Thanks, Faust

Subject: Re: Need help with my first build project
Posted by [Bob Brines](#) on Wed, 12 Apr 2006 09:58:47 GMT
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If the published specs are correct, the 10" box is too small. Make it an 11" cube and then you can use a 6" port. F3 should be ~35 Hz. Better yet, go for an EBS alignment of say 12.5"³ and a 6" port for an F3 of ~28. You might also ask why PE show SPL@300 watts for a driver specified @ Pe=150w. Bob

Subject: Re: Need help with my first build project
Posted by [Faust](#) on Wed, 12 Apr 2006 15:33:50 GMT
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Thanks Bob. I think I'll try the EBS alignment idea. I just want to be sure about the vent on this new design. Would the vent opening be 2" (2"x12.5"x6"deep)? Also, I asked Parts Express about the listed specs and here is the reply: "Pe is actually max power, not RMS. This is why this was shown this way. the driver is specified as 150w RMS and 300 MAX."
