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Subject: 2 pi tower baffle

Posted by [justphil](#) on Thu, 06 Jan 2011 15:04:10 GMT

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In the plans it shows the front of the tower being 16" wide. Is the baffle actually 16" wide or if using 5/8 stock would it be 14 3/4? I have the same question about the back of the cab.

You say use hardwood for bracing. Can MDF be used?

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Subject: Re: 2 pi tower baffle

Posted by [Wayne Parham](#) on Thu, 06 Jan 2011 15:49:18 GMT

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The cabinet dimensions are outside dimensions. It is really designed for 5/8" wood stock, so when using 3/4", the 1/8" difference makes the internal volume slightly smaller but it's a drop in the bucket. There is no need to adjust the internal dimensions for such a small shift, as the driver's electro-mechanical parameter shifts during normal use do far more than that.

Braces can be made from any scrap wood that is reasonably strong.

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Subject: Re: 2 pi tower baffle

Posted by [justphil](#) on Fri, 07 Jan 2011 00:18:34 GMT

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I understand that 5/8 is recommended but I don't know if you answered my question =)  
Does the front go over the sides or sit between them?

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Subject: Re: 2 pi tower baffle

Posted by [Wayne Parham](#) on Fri, 07 Jan 2011 00:32:30 GMT

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It doesn't matter. Make outside dimensions 16" x 13" x 46". The little smidge of volume differences from different overlap arrangements don't matter. It's kind of the same thing as the different wood thicknesses. So just make the outside dimensions right, put the port and drivers in the right places and get the braces and insulation in there properly and it will sound good.

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Subject: Re: 2 pi tower baffle  
Posted by [justphil](#) on Fri, 07 Jan 2011 01:30:10 GMT  
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Thanks.  
I appologize as I always seem to over complicate things.

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Subject: Re: 2 pi tower baffle  
Posted by [Wayne Parham](#) on Fri, 07 Jan 2011 05:05:05 GMT  
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No problem at all. That's what this forum is here for and I'm a firm believer that there's no such thing as a dumb question. Better to ask and get it right than to go on a wrong assumption and get it wrong. Can't hurt to sail the question out via internet and check back for the answer at a convenient time. Besides, now the question/answer is there for the next person, just a click away from the search button.

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Subject: Re: 2 pi tower baffle  
Posted by [tman](#) on Fri, 07 Jan 2011 17:18:40 GMT  
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Wayne Parham wrote on Thu, 06 January 2011 23:05

No problem at all. That's what this forum is here for and I'm a firm believer that there's no such thing as a dumb question. Better to ask and get it right than to go on a wrong assumption and get it wrong. Can't hurt to sail the question out via internet and check back for the answer at a convenient time. Besides, now the question/answer is there for the next person, just a click away from the search button.

That should be written on internet history books!

Quote:Does the front go over the sides or sit between them?  
I am going to make a structure like this:

I think it should be a little stronger... Isn't it?

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