Subject: 4 Pi plan
Posted by Sixela666 on Tue, 29 Sep 2015 12:13:56 GMT
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Hello,

Can you send me the 4Pi plans.

Thanks a lot.

Subject: Re: 4 Pi plan
Posted by Wayne Parham on Tue, 29 Sep 2015 16:47:51 GMT
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You've got mail!

Subject: Re: 4 Pi plan
Posted by Sixela666 on Fri, 02 Oct 2015 12:49:51 GMT
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Thank you,

i will order 2 horns soon.

Do you have a metric version of the plan ?

Subject: Re: 4 Pi plan
Posted by Wayne Parham on Sun, 04 Oct 2015 17:20:53 GMT
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Sorry, no metric version of any of our plans is available. But it's a fairly simple cabinet, and you can use a conversion program to calculate each dimension.

Subject: Re: 4 Pi plan
Posted by Sixela666 on Thu, 24 Dec 2015 09:28:11 GMT
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Hi,

I will start to build a pair of 4pi soon,

H290c are ordered, B&C 250 will be ordered soon, pair of 2226h & new tools are at home.

I have three questions :

About the crossover,
- Can r2a, r2b, r2c, r2d be replaced by their equivalent resistances which is ... 16Ohms.
- Same for r1a, r1b, r2c, r2d, the equivalent resistance is 25ohms.

About the damping, I'm not sure to understand what R11 or R13 means, is it only about thickness ?
(We don't use this kind of references here in Belgium)
Is 4 inch thick ok ? what about 6 inch ?

Thanks And Merry Christmas.

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Subject: Re: 4 Pi plan
Posted by Wayne Parham on Thu, 24 Dec 2015 16:15:14 GMT
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was just done to increase thermal capacity.  Using four 10 watt parts we can dissipate 40 watts in each branch safely.  See pages 69 and 71 of the Speaker Crossover analysis document to see the power dissipation curve for each of those parts.

The damping material should be cut from a fiberglass sheet that's approximately 2" - 3" thick.  I think sheets that are 4" thick would be great too.  Just compress them a little bit when you're installing them.

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