
Subject: Small sub

Posted by [LuxmanLover](#) on Sun, 14 Jul 2002 17:35:08 GMT

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I'm toying with the idea of building a set of subs to use with the professional 4Pi's I'm building. I would like to use the JBL 2235 in 4 cubic foot cabinets. My concern is how much of a performance compromise it will be using that driver in that size of cabinet. I would appreciate input from anyone with experience with this particular driver. Kelly

Subject: PiAlign'ed 2235

Posted by [Wayne Parham](#) on Sun, 14 Jul 2002 19:22:42 GMT

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PiAlign recommends 4 cubic tuned to 30Hz with a 2.25" x 4" x 3.6" long rectangular port. You can also substitute a cylindrical port, 4" diameter and 4" long with excellent results. The system -3dB point is 37Hz and -10dB at about 27Hz.

Subject: Hmmmmm

Posted by [LuxmanLover](#) on Sun, 14 Jul 2002 19:53:47 GMT

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I must not be using PiAlign properly...cause it said I needed 8 cubic feet for a 2235 (which is funny cause I actually want to use 2 2235's per cabinet for a total cabinet size of 8 cubic feet hehehehehe, it should be wild!) Kelly

Subject: Re: Hmmmmm

Posted by [Wayne Parham](#) on Sun, 14 Jul 2002 20:23:39 GMT

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For the JBL 2235H - $V_{ad}=16.2$, $F_{rd}=20$ and $Q_d=4.0$. So when you enter all that into PiAlign, it suggests 4.0 cubic feet tuned to 30Hz.

Subject: Thx Wayne

Posted by [LuxmanLover](#) on Sun, 14 Jul 2002 21:18:23 GMT

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Worked that time, must have entered the wrong value for vad (doh). 8 cubic feet makes me very happy!!!!!!Kelly
