
Subject: box design/plans for JBL 2226
Posted by [Don17](#) on Wed, 19 Nov 2003 13:44:30 GMT
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Dear fellow audio enthusiasts, I currently use a pair a dual 15" JBL Full range speakers that I built for my sound reinforcement system. I just bought a pair of JBL 2226's(4 Ohm version) to extend the frequency response of the system down to at least 35Hz. I want to make the most of the power I have to push them (750watts x 2 into 4 ohms stereo). I was thinking of a vented box of about 6 cubic feet tuned to 30Hz. But I guess I would need at least 1200 watts to get those monsters booming!!!! how about a folded horn?? Those tend to be efficient. Would that work for me?? Since designing horns are quite difficult, does any one know of a horn or vented box that will have those woofers thumping????-Thanks alot-DonP.S. Answer Soon!!! JBL Rules!!!!

Subject: Re: box design/plans for JBL 2226
Posted by [Wayne Parham](#) on Wed, 19 Nov 2003 15:55:35 GMT
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JBL 2226.

Subject: Re: box design/plans for JBL 2226
Posted by [Mike.e](#) on Wed, 19 Nov 2003 16:30:47 GMT
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Hi Don i bought a 2226H 2nd hand and have it blasting away on ten watts (later to be 240watt)Wayne has his own good plans for it Pi style..Caution,in an EBS tune like mine,175L 33hz tune,the power is limited,not 600watt rms ,i forget the actual value perhaps 300-400watt within Xmax..I have modeled it in my own basshorn however the lab12woofer gave me what i wanted in a tiny box(its specificaly designed for horns)The jbl2226h certainly is a beast at 97db efficiency also.See my response on my site,and see how i describe it :-).CheersMike.e

my jbl2226

Subject: Re: box design/plans for JBL 2226
Posted by [Don17](#) on Wed, 19 Nov 2003 17:00:48 GMT

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Hey mike, How about the 40Hz Horn on your site?? Seems fairly simple to build and looks like it would have a great kick. How about the plan below??? According to the designer, it can go down to about 50 hertz with excellent kick with the E140 (and I assume it might be able to go lower with the 2226) This Box seems extremely simple to build.... too simple for a folded horn. tell me what you think.-Don

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Subject: Re: box design/plans for JBL 2226
Posted by [Bill Wassilak](#) on Wed, 19 Nov 2003 18:44:12 GMT
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Hey Don,On the HD15 design, wouldn't waste my time for one thing the horn path length is to short to get down to 50hz, and Rog has a note on there to use at least 6 of them and use an 18" or 21" drivers for the sub frequencies. To get the 50hz out of them there just going to be acting like a sealed woofer cabinet anyway.HTHBill W.

Subject: high 'kick' ,too simple.
Posted by [toxicport.e](#) on Wed, 19 Nov 2003 20:32:32 GMT
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well that hort seems to be all 100hz.notice the VERY short path length!50hz is -8db.I plan on building my 1 or 2 versions 40hz basshorn over christmas if possible.il tell you if its good.-:)

other site with horns.

Subject: Re: high 'kick' ,too simple.
Posted by [Don17](#) on Wed, 19 Nov 2003 20:50:31 GMT
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Based on that graph, your 40Hz horn would be pretty nice sounding at the bottom of my PA stack. Since I see how you fold it, I'll try to get it to fit the 2226. Hopefully I should get a somewhat decent result.:>}

Posted by [Wayne Parham](#) on Wed, 19 Nov 2003 21:42:12 GMT
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are available. Certainly I'm biased, but I'd far prefer either of these two designs to a scoop, especially one that peaks at 100Hz.

Subject: Re: high 'kick' ,too simple.
Posted by [toxicport.e](#) on Thu, 20 Nov 2003 00:33:35 GMT
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the 2226 needs a large rear sealed chamber which rules it out of my maximally tiny horns..The horn is directly optimised for that woofer.(the lab12)waynes knows about this and has his own horns.-)

Subject: Hey Wayne, How Do I Get the plans??
Posted by [Don17](#) on Thu, 20 Nov 2003 10:03:54 GMT
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Hey Wayne, How Do I Get the plans??

Subject: You've got mail!
Posted by [Wayne Parham](#) on Thu, 20 Nov 2003 17:01:31 GMT
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