
Subject: How 'bout this....

Posted by [Adrian Mack](#) on Tue, 08 Jul 2003 12:55:37 GMT

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Hey Bill, I would actually like to run the midrange horns higher as you've suggested so that the compression driver is crossed at like 1.6KHz, but Hornresp shows the horn cutting off at 1KHz, I know "suspension controlled response" (or something like that) will make it go higher, but I don't think successfully to 1.6KHz would work with that tractrix horn and that driver. Only the JBL LE5 is one that I know will work up there, but very expensive and rare :(I guess what I'm having the trouble in.... is how good this midrange horn will sound. Some people swear it's so much better than direct radiators. Some people don't bother with horns. Have you used any JBL 222x series drivers before? If so, do you think a 15" driver from this series (specifically 2225, but is very similar to 2226) covering the range 300 to 1KHz, would it be better than a horn loaded Alpha 6 in this same range? That's in terms of both distortion, and high detail/clarity. JBL says the highest recommended crossover frequency for the 2225H is 1200Hz. I could employ these drivers in a two-way design, I think the 2225H could drop straight into a 4pi Professional cab which originally would use a 2226, but the two drivers are very similar and should perform the same I think. So in that case I could cross at 1.2KHz which will make things a bit easier for the compression driver also. Any other advice you can give is appreciated :-)

Thanks!
Adrian
