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Subject: Corner Horn Question

Posted by [Michaelz](#) on Fri, 16 Aug 2002 13:10:30 GMT

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Hi, everyone:I am thinking of building some corner conical horns using JBL 2245 drivers I bought from the Tent sale. The horn will consist of the room corner, the sealed back chamber and the driver facing the very point where the back wall, the side wall and the floor join themselves. The box will be a cube with a corner cut off. And the driver will be mounted on that corner. It will have legs to stand on the floor. The space in front of the driver will be the front chamber and the space between the box and walls/floor will be the throat. Of course the size front chamber and the throat can be changed. The ML Util (a utility based on Doctor Marshal Leach's paper on low frequency drivers and bass horn) gives the 4.455 cubic feet for the back chamber, 0.25 cubic foot for the front chamber (these values do not change with horn flair), with requirement to cover 20-150HZ.I would like to hear what you would think about this project. Pitfalls? Thanks very much!

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