
Subject: Am I wasting space

Posted by [adavis464](#) on Sun, 27 Jun 2004 13:47:53 GMT

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I'm planning to use a tapered pipe to about 4' then I'm going to make a u shaped section to go from the tapered section (which is square) to the 22" wide base tapered section and fire it into the floor with a 20" high cage. My room is 12x13. Or am I just worrying too much and just build the thing.
.Tim

Subject: Re: Am I wasting space

Posted by [Mike.e](#) on Mon, 28 Jun 2004 07:30:10 GMT

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when i fold horns, i start at the mouth, choose a maximum depth, folding according to that, for midbass cutoffs normally 2 folds are enough. Lately i prefer the S style, for woofer access. my 40hz corner horn, its folded more like the labhorn but expands in 1 dimension not 2. for my jbl horn 3 folds are more optimal, no space wasted. see my site. <http://www.geocities.com/basshorn/guy/good2.PNG> labhorn.

Subject: Re: Am I wasting space

Posted by [Martin](#) on Mon, 28 Jun 2004 11:01:55 GMT

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Tim, I am not sure if I understand your geometry. Are you trying to make a horn, a TQWT, or a TL? It sounds like a TQWT with the small end at the start of the taper, then 4 feet of straight line tapered, a fold into something else, then I am lost. If you could expand your description a little maybe I would have some constructive comments. I am also using a smaller room (14 feet x 14 feet w/ 8 foot ceiling) for my stereo system so I have a bit of experience. I have several medium to big floor standing speakers residing in this space with pretty good results. Martin

Subject: Re: Am I wasting space

Posted by [adavis464](#) on Tue, 29 Jun 2004 15:18:03 GMT

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Mcbean 1/4 space design mouth 529sq cm 120 cm long mouth of this section is 2000 sq cm (THE FIRST SECTION IS SQUARE) to a small U shaped section SQUARE 1 end RECTRANGULAR OUT END 22" wide at about 3000 sq cm section 2 from 3000 to 10000 sq cm

on 20" cage off the floor jbl 2240 driver

Subject: Re: Am I wasting space
Posted by [Martin](#) on Tue, 29 Jun 2004 15:21:11 GMT
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Sorry, nothing to offer. You are beyond my experience base. Good luck, Martin
