
Subject: Lab Horn

Posted by [Quiet Storm](#) on Fri, 04 Feb 2005 06:30:52 GMT

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Does anyone have a design using single lab horns? I am very interested in using a pair of these, but not with two in each box. Cost and weight are serious factors here. I love the idea of a folded horn and these speakers look like they go pretty low. Thanks for any responses.

Subject: Re: Lab Horn

Posted by [Wayne Parham](#) on Fri, 04 Feb 2005 15:30:22 GMT

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Check the Fitzmaurice forum - He does prosound horns with single woofers. I think Mike E. (toxicport) has plans for a horn using a single LAB12 too.

Subject: Thanks.

Posted by [Quiet Storm](#) on Fri, 04 Feb 2005 19:26:29 GMT

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Thanks. Looks like something from there will work.

Subject: Re: Thanks.

Posted by [Disco Stu](#) on Thu, 07 Apr 2005 21:53:29 GMT

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There are a few options the lab driver isn't that great used on its own. Try looking here for a design utilising the lab <http://photofile.ru/default/do.php?id=3426459#sm> There is also the punisher for a 12" ciare driver <http://www.iven.nl/kastontwerpen/punisher.htm> Other than that the Tuba 30 on bills forum is for a 12" not the lab driver tho!

Subject: Re: Thanks.

Posted by [Wayne Parham](#) on Thu, 07 Apr 2005 23:38:07 GMT

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The LAB12 driver makes an excellent bass-reflex subwoofer in a 2.0ft³ to 5.0ft³ cabinet tuned to 20Hz. When you consider that output in the bottom octave of all the popular subs is direct radiation anyway, it makes a lot of sense for hifi use. But for prosound above 40Hz, a folded horn will obviously provide more output.
