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Subject: Horn experiments

Posted by [Larry Acklin](#) on Wed, 16 Jun 2004 18:53:31 GMT

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So- I built one of the mid horns, using 3/4 ply, a 12X12X10 rear chamber, using one of my peavey scorpion 10", and it plays very well, indeed. Very nice and smooth. Now for some integration questions- If I stack two vertical, I get: Better pattern control (increased directivity) 3 to 6 db more output lower cutoff freq...right? So I'm going to try a 2" EV driver, on a big ol HP940 horn, two stacked mid horns, and possibly a 4Pi cabinet/woofer for the bottom. Now thats looking like nice PA stacks to me...Larry Acklin

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Subject: Re: Horn experiments

Posted by [Wayne Parham](#) on Wed, 16 Jun 2004 19:47:34 GMT

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Sounds like a great plan. I really like the sound of these midhorns crossed to compression horns. You're right about the benefits of stacking. In fact, in freespace, you would really want to

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Subject: Re: Horn experiments

Posted by [Adrian Mack](#) on Wed, 16 Jun 2004 22:49:50 GMT

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Cool, have you got any pictures and measured response curves to share?

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