
Subject: idea of a horn system with upfiring + frontfiring horn, any comments ?

Posted by [angeloitacare](#) on Mon, 16 Apr 2007 11:22:39 GMT

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hi allhere some drawings of my high-end hornspeakers. Any comments ore sugestions ?Angelo
<http://www.flickr.com/photos/7808268@N07/?saved=1>

Subject: Re: idea of a horn system with upfiring + frontfiring horn, any comments ?

Posted by [Wayne Parham](#) on Wed, 18 Apr 2007 02:53:08 GMT

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Very attractive!

Subject: Re: idea of a horn system with upfiring + frontfiring horn, any comments ?

Posted by [angeloitacare](#) on Wed, 18 Apr 2007 15:40:10 GMT

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hi Waynethanks for your comment. have a look at my idea of a cost-no-subject fully hornloaded speaker:rds Angelo

<http://www.flickr.com/photos/7808268@N07/?saved=1>

Subject: Your ultimate loudspeaker idea - a suggestion

Posted by [Duke](#) on Wed, 18 Apr 2007 20:49:13 GMT

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Very impressive looking cost-no-object system.Might I offer one suggestion: The basshorn is way too small to give true horn loading down to anything approaching 25 Hz. It will be in effect a direct radiator at that frequency, and will no doubt have to be equalized. At very low frequencies, the bass horn itself is just decoration.What if you got rid of the basshorn cabinet altogether, and installed a side- or rear-firing direct radiator subwoofer in the space underneath that big round horn? In my opinion this would make a more visually elegant system, probably without little or no performance compromise. You could actually improve in-room low frequency performance by redesigning the base (pedestal) for the two smaller horns to incorporate a second subwoofer, so that you'd have two physically separated low frequency sources per channel. I think there's definite merit in having multiple low frequency sources in a room, and so do several researchers. See Todd Welti's AES papers, "How many subwoofers are enough" and "In-room low frequency optimization", for instance. That's how I would do it.Very best of luck in bringing your vision to

life!Duke

Subject: correction

Posted by [Duke](#) on Wed, 18 Apr 2007 20:53:12 GMT

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The phrase "probably without little or no performance compromise" should have been: "probably with little or no performance compromise". Oops. And English is supposedly my native language. Duke

Subject: Re: Your ultimate loudspeaker idea - a suggestion

Posted by [angeloitacare](#) on Thu, 19 Apr 2007 01:32:12 GMT

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thanks, Duke, good idea. See how it looks now. rds Angelo

Subject: Re: correction

Posted by [Cuppa Joe](#) on Fri, 20 Apr 2007 00:15:14 GMT

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English is my native language too, but TYPING isn't! (Smirk.)

Subject: Re: Your ultimate loudspeaker idea - a suggestion

Posted by [Duke](#) on Fri, 20 Apr 2007 04:36:32 GMT

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Very nice! I think that's an extremely attractive look, especially for a system so large. I'd love to see and hear 'em in person one day. Duke

Subject: Re: Your ultimate loudspeaker idea - a suggestion

Posted by [angeloitacare](#) on Fri, 20 Apr 2007 04:54:45 GMT

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thanks, dukei uploaded many hornspeaker pictures , have a look and enjoy
:http://www.flickr.com/photos/7875238@N05/regards Angelo

Subject: Absolutely beautiful hornpics - thanks for the link!

Posted by [Duke](#) on Fri, 20 Apr 2007 05:57:09 GMT

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That's the best collection of exotic and artistic hornspeakers I've ever seen. I sure did enjoy -
thanks for sharing!Duke
