Subject: a nice little horn..
Posted by Mike.e on Tue, 09 Dec 2003 03:03:46 GMT
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Hello! nice new forum!had the wood cut,he quoted me 2weeks + before he could cut it..he took 3days,which annoyed me because i changed it so that the hole + cover is on the front flare panel ,for easy driver switching..the wood was cut perfectly by him ,Apart from 1 angle,which is probably my fault,i cant be bothered figuring it out whos fault it was :-P il just file it down. Also File the sharp interior path corners. The driver is an 8" i came across for 19$.normally 60$,cheap because the company doesnt sell them anymore.Just a 40hz horn,about 143litres.its a good coffee table size-but wouldnt function in middle of room with that tiny mouth.Its been along time coming..and i did make some slightly little errors,however it will still work.

Subject: Re: a nice little horn..
Posted by Wayne Parham on Tue, 09 Dec 2003 12:46:30 GMT
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Hi Mike!

That horn looks like it is going to work very well. I know you've done your homework. Let us know how it works out!

Are you still doing reactive circuits in class? Or have you moved on to active stuff? Did you notice the real/imaginery impedance curve of horns when doing Hornresp models? Being a reactive system, it's interesting to see mechanical and acoustic filters acting just like electrical ones, isn't it?

Wayne

Subject: Re: a nice little horn..
Posted by Mike.e on Fri, 12 Dec 2003 00:23:08 GMT
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ive ran out of screws,20 short :P ,it makes Some bass- with no glue and just screws holding it :-DIve finished tech for the year.We went as far as reactive circuits and then moved onto real and imaginary power etcI did see the acoustical impedence curves.and had a discussion at Cornus horn forum about it with the quarter-wave.com guy i think.Its nice to know that you can model mechanical filters closely,with electrical ones :-)Cheers

Subject: The results
Posted by Mike.e on Tue, 16 Dec 2003 00:10:21 GMT
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Complete!SPL meter later.lab12 woofer next.See my site
http://homepages.paradise.net.nz/quadroph/

Subject: Re: The results
Posted by Wayne Parham on Tue, 16 Dec 2003 03:58:14 GMT
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Cool! Sure wish I could see and hear them!Let us know how they sound, and if you would recommend others follow in your footsteps on this one.

Subject: With 20watts...
Posted by Mike.e on Wed, 17 Dec 2003 15:17:38 GMT
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Yes i could reccomend it.However slightly more Xmax needed for the bassfiends when playing lower tones :-PThey sound very pure. you can distinctly hear the pure tones at 50hz (excursion minimum)the distortion at 40hz,where excursion is 7mm (xmax is only 3.5mm!)and then at 30hz and below,i can hear it in car,but its quiet.with my new job,SPL meter very soon! I hurt myself listening to it in car cant wait for SPL results! :PCheers~

Subject: Photos
Posted by Wayne Parham on Wed, 18 Feb 2004 16:54:11 GMT
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Photos of Mike's cool little horn are here.