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Subject: Any interest in a port calculator???

Posted by [Chris R](#) on Tue, 13 May 2003 21:24:43 GMT

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Hi Folks, After Wayne posted the Hemlholtz formula and the recent questions I've seen go by about ports for this box or that, I wrote a perlscript that will calculate (if I didn't screw it up) a port for a given box volume and desired resonant frequency. Its non-GUI and runs on \*nix systems and probably Windows if you have a perl for that. Example output: ./portcalc.pl 32 3.5 Freq of port: 32.952 Hz Port diameter: 4.000 in Port length: 5.125 in I suppose it could be attached to a web page form also...

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Subject: Upload it and let 'em play

Posted by [Wayne Parham](#) on Wed, 14 May 2003 01:17:35 GMT

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I know you'll get some hits on that one if you put it online and let 'er rip. You can get Perl to run on most web servers and even the public web hosting services usually allow Perl executables. In fact, this bulletin board system is written mostly in Perl. Just upload your program to your server's cgi-bin directory and have the server's Perl path in the first line of your program. Do you have a

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Subject: Re: Any interest in a port calculator???

Posted by [Chris R](#) on Fri, 16 May 2003 01:18:53 GMT

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Here's a URL that worked for me: Port Calculator Let me know if its useful and if the values match the other programs in use. If you get an error message, maybe your Freq too high for the size box (make it smaller) or maybe its too low for a too small box. Its not real graceful about this. There is a limit of port diameter of 1" to 8", and box depth is assumed to be 10", and the port can't be any longer than 70% of the depth. I guess that needs to be another input. Chris