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Subject: alpha  
Posted by [eki](#) on Sat, 06 Oct 2001 14:53:15 GMT  
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dimensions and box tuning for single vented box.

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Subject: Alpha 10 tuning  
Posted by [Wayne Parham](#) on Sat, 06 Oct 2001 19:52:32 GMT  
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An Alpha 10 in a 5 cubic foot box tuned to 40Hz has flat response down to 30Hz.

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Subject: Re: Alpha 10 tuning  
Posted by [eki](#) on Sun, 07 Oct 2001 09:47:41 GMT  
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Hello Wayne. I want too thank you for all your help. Is this speaker loud at 30hz? or is it barely loud there?

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Subject: Re: Alpha 10 tuning  
Posted by [Wayne Parham](#) on Sun, 07 Oct 2001 13:28:27 GMT  
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The response curve is flat to 45Hz, down -3dB at 38Hz and -10dB at 30Hz. Its thermal limits and excursion limits are almost the same, giving maximum output of about 110dB at 1 meter. Within the passband, excursion is the limit between 50Hz and 80Hz and heat is the limit above and below that point. Obviously, the excursion limit is quite low below 35Hz, so high pass at that point.

Subject: thank you  
Posted by [eki](#) on Sun, 07 Oct 2001 14:31:44 GMT  
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thank's Wayne for all your help.

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