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Subject: Re: LC tuning instead of ports

Posted by [Wayne Parham](#) on Thu, 06 May 2004 21:44:36 GMT

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I'm familiar with the Bag End subs that are run under-resonance. The idea of using a corresponding filter to match slope is pretty cool. About vented systems, woofer excursion rises below  $f_b$ , and it should be limited to use above  $f_l$  in high-output situations. Use of EQ to increase output below  $f_l$  wouldn't be cool in a vented system if output was high, and really not that beneficial even at moderate outputs. I suggested the EQ scenario for sealed systems, and my point was that if a sealed system is equalized to mimic the frequency response of a vented system, then all the other characteristics like damping and group delay will match too.

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