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Subject: Re: Isobaric

Posted by [mollecon](#) on Sat, 30 Nov 2002 12:12:40 GMT

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Yes, you're right Dbeardsl - you can half the (effective) volume that way, & maintain the tuning & -3dB point of a single driver in a box twice as big. There are basically two disadvantages: both the efficiency & the impedance will be halved too - the latter if you drive the units in parallel, which will be the right way to do it in order to maintain the damping factor. Both these drawbacks can be overcome by running the sub with a suitable amp - you can even get around the impedance halving by simply running the two drivers with seperate amps! But be sure to still run mono... :) & be carefull with the phase. In my opinion the most effective way to use this concept is to simply mount the drivers 'face to face' on the frontplate, mounted from the inside/outside the box respectively - this is also easier to build & saves the most space btw.