Subject: Can I just sandbag it?
Posted by GarMan on Mon, 11 Apr 2005 13:53:10 GMT
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I built my cabinets for my JBL 2235 as per JBL's enclosure guide of 5 ft^3 and I'm very please with the results. However, I've read in this forum that the 4 ft^3 volume recommended by PiAlign gives a more controlled bass.There's no way I'm rebuilding the enclosure as I've spent a lot of time on it already. Would stuffing the enclosure with sandbags to reduce volume give the same results as rebuilding?Gar.

Subject: Re: Can I just sandbag it?
Posted by Wayne Parham on Mon, 11 Apr 2005 14:13:40 GMT
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You can put sandbags in the cabinet, sure. That will work just fine for displacing some volume. Be sure to change your port though too, because when you make the box smaller, the Helmholtz frequency will rise.The JBL 2235 works well in boxes from 2.0ft3 to 6.0ft3 tuned to 30Hz. Four cubic feet is perfectly flat, but so is five, really. I mean, maybe 0.1dB difference, just nothing. The 4.0ft3 box has f3 of 34Hz and the 5.0ft3 f3 is 32Hz. Again, almost no difference.Now if the cabinet is tuned to 40Hz like you'd want for a 2205, 2225 or 2226, that's different. It will have a 3dB peak at 50Hz. So my point is that I wouldn't go the cubic foot smaller because it just isn't much difference. I might check tuning frequency though, and make sure it's 30Hz.