
Subject: Re: help: pi alignmemt for JBL E155 (box & port)
Posted by [Wayne Parham](#) on Wed, 03 Dec 2003 23:08:35 GMT
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PiAlign recommends a 3.0ft³ cabinet tuned to 56Hz using a port that's 5.25" x 9.375" and 7.25" long. Performance is very good using this cabinet. I wouldn't recommend tuning at 30Hz unless the cabinet were made much larger - around 8ft³ - in which case you will have generated an EBS alignment. Trouble is that this will reduce output below 100Hz -6dB. The PiAligned 3ft³ 56Hz cabinet provides flat response with f₃ of 60Hz. The 8ft³ 30Hz EBS alignment is -6dB down below 100Hz, but stays at this level down to 30Hz and the shelf is flat. Both are pretty good solutions, depending on your application.
