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.