Subject: 2226 tuning help needed!
Posted by spkrman57 on Fri, 28 Jul 2006 14:52:18 GMT
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Wayne,Looking for comments on this configuration:2226J in 3.5 cubic ft box tuned with (2) ports 4" ID and 6.5" long.Results from WT2 come up with this:Fsb = 45.7hzalpha = .955Ha = .78Fm = 35.67hzflo = 23.5hz (67 ohm)fhi = 69.3hz (80 ohm)My listening detects a large hump around 60hz.Could you recommend a port tuning change (shorter ports I'm thinking) to get back to flatter response.JBL recommends (2) 4" ID ports @ 4" long for a 4 cubic ft box. Would you agree that shortening the ports from 6.5" to 4" would be close to optimum?Cabinets arrived to me as described, so I knew a port change would be necessary.Thanks, Ron

Subject: Re: 2226 tuning help needed!
Posted by Wayne Parham on Fri, 28 Jul 2006 15:08:44 GMT
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I think that alignment would work great outdoors or in a very large room, but indoors it might sound peaky especially in a smaller room. I like a slightly overdamped alignment for this driver, so I tune the cabinet about 10Hz lower.

Subject: Re: 2226 tuning help needed!
Posted by spkrman57 on Fri, 28 Jul 2006 17:22:08 GMT
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Wayne,I take your answer as meaning to extend the ports a few inches longer, say 8" long each vs 6.5" that are in there already.Thanks, Ron

Subject: Re: 2226 tuning help needed!
Posted by Wayne Parham on Sat, 29 Jul 2006 05:32:57 GMT
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Yes, making the ports longer would certainly shift the Helmholtz frequency down. I'd go down about 10Hz, so I'm thinking you may have to go longer or even plug a port.

Subject: Plugged one port.
Posted by spkrman57 on Sun, 30 Jul 2006 16:10:30 GMT
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Used foam pieces that I keep around. That way I can just remove it with no ill effects.Sounds like what I will use for awhile.Thanks Wayne!Ron

Subject: Re: Plugged one port.
Posted by Wayne Parham on Sun, 30 Jul 2006 16:31:40 GMT
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Very good! That'll work!

Subject: Re: Plugged one port.
Posted by colinhester on Mon, 31 Jul 2006 00:40:26 GMT
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"Sounds like what I will use for awhile."I give it two days.....

Subject: Think I can't leave things alone for too long?
Posted by spkrman57 on Mon, 31 Jul 2006 01:22:06 GMT
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Of course Colin, you may be right!!!Ron