Subject: alpha 8 enclosure volume
Posted by paul d on Sun, 20 Mar 2005 15:35:55 GMT
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On the eminence website, they say the recommended enclosure volume for the alpha 8 is 1.1 to 1.8 cf. Your design is 1 cf for the external dimension of the cabinet, so maybe its .8 or.9 cf for the internal volume. Why go with a smaller box than recommended?andHow does the alpha 8 sound in a 1.8 cf cabinet?

Subject: Re: alpha 8 enclosure volume
Posted by Wayne Parham on Sun, 20 Mar 2005 15:50:16 GMT
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The Alpha 8 works best in 0.5ft3 to 2.0ft3 tuned to 55Hz. It really is a midrange driver and can be used with a very small rear chamber, but you can coax them to produce bass with a good response curve in larger cabinets up to two cubic feet.

Subject: Re: alpha 8 enclosure volume
Posted by paul d on Sun, 20 Mar 2005 15:57:05 GMT
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Thanks!

Subject: 1 Pi Minitower
Posted by Oscarl on Tue, 22 Mar 2005 10:04:50 GMT
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Wayne, have you ever considered a 1 Pi Tower of 2 cubic feet?Oscar

Subject: Re: 1 Pi Minitower
Posted by Wayne Parham on Tue, 22 Mar 2005 16:36:09 GMT
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55Hz makes a nice flat response curve with f3 of 50Hz, so that's pretty cool. But it becomes very sensitive to parameter shifts at that size. I think I might make the box just slightly smaller or tune slightly lower so that any shift towards underdamping doesn't result in a large peak. Maybe 1.8ft3 tuned to 55Hz or 2.0ft3 tuned to 55Hz, someting like that.

Subject: alpha 8 in 1.35 cu ft
Posted by Andreas on Wed, 20 Apr 2005 13:35:49 GMT
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Hello Wayne,i can confirm. I use the alpha 8 in an enclosure with 41 liters (i´m from germany, we don´t use ft, but it is about 1.35 cu ft.)But i tuned it to 42 Hz. (2ports 10cm/9cm dia/lenght) It sounds great with my fostex fe 103 for the mid-/high-range.Try it!!RegardsAndreas

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