Subject: Two Pi Towers... about to start cabinets
Posted by Mark Andrews on Fri, 16 May 2008 13:25:56 GMT
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Hi Wayne.I am about to start cabinet construction for my Two Pi Tower kits and wondered if there is anything to be gained/lost by making the baffle narrow, with rounded edges, offsetting the tweeter for minimal diffraction and perhaps even going as far as curved sides and a sloping rear panel - keeping the internal volume as per design?ThanksBestMark

Subject: Re: Two Pi Towers... about to start cabinets
Posted by Wayne Parham on Fri, 16 May 2008 16:28:39 GMT
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It's hard to say what those changes will do. The rounded edges probably won't do anything, so no harm there. Changing dimensions is another story though. The cabinet is tall enough it has standing waves in the bass range. It was designed with Helmholtz models and double checked with Martin King's programs to ensure driver and port placement were optimal to reduce standing

I'd suggest measuring the modified speaker to see what you end up with.To tell the truth, the biggest thing that affects response of towers or stand-mounted speakers isn't cabinet reflections anyway, whether internal or external. The biggest problem is outside the box, it's floor bounce.

Subject: Re: Two Pi Towers... about to start cabinets
Posted by Mark Andrews on Fri, 16 May 2008 18:22:09 GMT
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Thanks Wayne - then standard dimensions all the way it is!!Neat Kits BTW.ThanksMark