Subject: 2 Pi and 1 Pi closeness to wall placement question.
Posted by yata on Wed, 21 Aug 2002 20:00:05 GMT
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Hi!I'm interested in the 2 Pi's or 1 Pi's due to their great price. I plan to buy them built, even though kits are cheaper. You can persuade me to build the kit too, but I have to soldering or woodworking experience...Anyways, are these Studio series ported in the back? I plan to place them on shelves and mate them with a 8W tube integrated.Thanks.

Subject: 2 Pi and 1 Pi closeness to wall placement answer
Posted by Wayne Parham on Wed, 21 Aug 2002 20:57:21 GMT
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level without a stand. It also has a bit deeper bass extension, due to the larger cabinet volume.

Subject: Re: 2 Pi and 1 Pi closeness to wall placement answer
Posted by DSM on Wed, 21 Aug 2002 23:45:36 GMT
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Wayne:A 2 Pi Tower! Looking at the frequency plots I've fudged together, it seems that a larger enclosure would *really* benefit the Alpha-10.Could you send me a copy of these plans? I've been lurking here for a while and have really enjoyed getting my mind back into the speaker building hobby mode. My primary speakers have been a pair of SpeakerLab 7's that I built the cabs for 25 years ago (if you're not familiar, they have 10" and 12" bass in parallel, compression horn mid crossed at 700, and compression horn tweet crossed at 5000, all stuffed in a 3.5 cu. ft. sealed box). I've absolutely loved these speakers, and am a huge fan of the using horns for mid-highs. Looks like they've come a long way in squeezing more range out of compression horns lately, and I'll dream of building a set 4's in the future.For now, the awesome low price of the 2's has my attention. My brother needs some speakers, and if these sound as I'm thinking they will, I'll build 'em for him for a X-mas present. Back in the day (25 years ago), all the cheap pizzos I listened to where much too harsh, but it seems like they've come a long way in this area too.I also want to thank you for all of the excellent material you provide on your site, and the great information provided in this forum.Dave

Subject: Re: 2 Pi and 1 Pi closeness to wall placement answer
Posted by wasteh202 on Thu, 22 Aug 2002 00:01:24 GMT
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Good news for me Wayne, I will be interested in it when it comes available. Thanks

Subject: Re: 2 Pi and 1 Pi closeness to wall placement answer
Posted by Matts on Thu, 22 Aug 2002 00:16:20 GMT
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I saw a "shelf" at Home Depot tonight that was 3/4 in. MDF and came in a 16" X 48" size. If you can keep the 16" width exact, that's EZ construction for the front and back!

Subject: You've got mail!
Posted by Wayne Parham on Thu, 22 Aug 2002 06:35:00 GMT
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It's exactly 16" wide, so that's cool. I've sent you a copy of the plans, so check your E-Mail.

Posted by Wayne Parham on Thu, 22 Aug 2002 06:37:12 GMT
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The plans are available now; Send me your E-Mail address and I'll forward them to you.

Subject: You've got mail!
Posted by Wayne Parham on Thu, 22 Aug 2002 07:00:33 GMT
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Posted by Erik Johansson on Thu, 22 Aug 2002 07:10:47 GMT
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Wayne, do these speakers have sufficiant low-end to be used without sub-woofers? I really like the small One Pi speakers but they really need to be on stands in the corners and the bass is not really low enough in my room (3.7x5.1m with speakers along the short wall).Would these be a

corners (it's annoying because the ceiling is angled in a strange way being only about 1,6m from the floor where the left speaker is) to work optimal?/Erik

Subject: Re: 2 Pi and 1 Pi closeness to wall placement answer
Posted by vladimir4 on Thu, 22 Aug 2002 07:20:01 GMT
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hi Wayne, my own 2Pi tower real-wood is almost finished, but I kept the original volume (42 l). Could you send me your new design oftower-2Pi ? In your opinion, what's the maximal "reasonable" volume for Alpha10 in aspect to not deteriorate much the midrange quality?TIA,vladimir

Subject: Additional comment...
Posted by Erik Johansson on Thu, 22 Aug 2002 07:33:17 GMT
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You see Wayne, you really got me interested a week ago or so when you wrote this in an email:

and aren't very expensive. The tower version provides deeper bass extension with the same small footprint. It gives deep enough bass response that you won't need subs."Is this what you were talking about then? If so, may I see the plans? :)You and your company are really too good to be true.Best regards/Erik

Subject: You've got mail!
Posted by Wayne Parham on Thu, 22 Aug 2002 08:03:43 GMT
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I wouldn't go much above 160 liters for an Alpha 10 cabinet tuned to 40Hz.

Subject: You've got mail!
Posted by Wayne Parham on Thu, 22 Aug 2002 08:25:27 GMT
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Subject: 2 Pis facing the wall !
Posted by Edwin on Thu, 22 Aug 2002 09:00:44 GMT
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Hi Wayne and the guys,Last night, after reading enough post regarding cornerhorns, I tried to make some placement experiments with my 2Pis. My present listening room is far from ideal. As with the majority I suppose it is incorporated in the living room which opens to the dining room. I have only one corner where my right speaker resides and the wall right to the Right speaker is a sliding glass door. Out of curiosity I have the 2Pis face the front wall, 4" away, and slightly tilted upwards about 3/4". The ambience it generated was very pleasant and for the first time I am listening to a reflected sound by choice and loving it! Also, the bass seemed to be much lower and more forceful than when it is firing directly at me 4" from the wall. The only drawback is that the highs are subdued but not that much that it looses its flavor. This is understandable as the tweeters are also facing the wall. Overall, the sound is okay. If this is a preview of how a cornerhorn will sound then I am thrilled! Can you build a cornerhorn with the 2Pi hardware retaining its crossoverless design? I don't think the bass response will be inadequate in my future 12 feet by 15 feet room.Any plan of a cornerhorn design using 2Pi hardware in the future, Wayne? I am also interested in your Tower design. Can you also send me the plans?Best Regards,Edwin

Subject: You've got mail!
Posted by Wayne Parham on Thu, 22 Aug 2002 09:38:32 GMT
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Subject: Thanks & One suggestion
Posted by vladimir4 on Thu, 22 Aug 2002 09:55:18 GMT
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Thanks a lot!& I have also one suggestion for this design: place the tweeteron the front baffle using golden ratios: the baffle width is 16",so place the tweeter at 10" from left, (6" from right - rather than 8"/8") and 4" from the top. (more precision can be calculated using exact value of Phi=1.618034). Important think is to mirror left/right speaker. This is an easy tweak, on my 2Pi towers the improvement of stereo image was impressionant!v.

Subject: Low-end on these new towers
Posted by Erik Johansson on Thu, 22 Aug 2002 09:58:22 GMT
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How would you rate the low-end on these Two Pi towers compared to the Thermionic 3 Pi that I was thinking of building before I heard about this? I'd love to see some response curves (I'm trying to master Boxplot!) comparing them.I'll play around some more with Boxplot, maybe I'll get it right :)You recommend to put them in the corners. Would my corner where part of the ceiling is angled 45 degrees against the left side wall be ok? At its lowest point (against the side wall) the ceiling is down to 122cm height? The speakers are 116cm high so they would really be "in the corner", if you know what I mean.This I my only option, so I hope it's ok./Erik

Subject: Re: Low-end on these new towers
Posted by Wayne Parham on Thu, 22 Aug 2002 19:56:12 GMT
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