
Subject: Perfect Subwoofer for 4 pi
Posted by [Phil Kollmeyer](#) on Fri, 24 Jun 2005 02:09:21 GMT
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I recently completed my 4 pi's, and had planned all along to add a pair of subwoofers to complement them, but I have not decided what the best option is. The subwoofer I've been most impressed with, specification wise, is the VMPS larger subwoofer (VMPSaudio.com). It claims to have a -3dB point of 19 Hz, and output 20Hz at 115 dB with 5% distortion, which is hard to believe. So, before I'd purchase this kit, I'm curious what other subwoofer options would people suggest. I'd like it to be flat to nearly 20Hz, need a box of not much bigger than 8 cubic feet, be relatively efficient, and I have a price cap of about \$350 per box. I've looked around a lot, but haven't found anything that really excited me.

Subject: You've got mail!
Posted by [Wayne Parham](#) on Fri, 24 Jun 2005 11:45:26 GMT
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I suggest a JBL 2245 or Magnum 18LF in an 8.0ft3 to 10.0ft3 box tuned to 30Hz. They're the best sounding subs I've heard. Check your mail, I've sent plans.

Subject: Re: You've got mail!
Posted by [andreaspaulsen](#) on Fri, 24 Jun 2005 12:41:19 GMT
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Wayne, let me have your plans also, you know what I'm doing !Cheersandreas

Subject: You've got mail too!
Posted by [Wayne Parham](#) on Fri, 24 Jun 2005 13:44:38 GMT
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Subject: I have a VMPS larger
Posted by [swett](#) on Sat, 25 Jun 2005 04:14:23 GMT

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I have a VMPS larger and it sounds nice as a sub, but I can't comment on its max output, because I've never pushed it anywhere close to a point where it sounds stressed. Its certainly not a weenie, as you'd expect with such a large sub with so much Vd. The 18" woofers Wayne mentioned may be better, but at that point, why not just build the 7Pi-18? It'd probably be cheaper than a 4Pi + the 18" sub? Even if you don't have corners, you could still run the 18" in direct radiator mode. -lan

Subject: Re: I have a VMPS larger
Posted by [Phil Kollmeyer](#) on Sun, 26 Jun 2005 20:19:03 GMT

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Thanks for the advice lan. I've already built the 4 pis, and my goal has been to have some remotely transportable speakers. I have a sedan, so moving the monstrous 18" subs Wayne suggests, would be rather challenging. I of course, enjoy giant speakers, but if you recommend the VMPS, that puts one step closer to buying the kit. I already own a pair of VMPS Tower II speakers though, and have had a very challenging time tuning them for good response. Have you had similar troubles with the Larger Subwoofer?Phil

Subject: Re: I have a VMPS larger
Posted by [swett](#) on Sun, 26 Jun 2005 20:32:16 GMT

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I honestly haven't spent any time tuning it. It sounds good to me, but I only use it under 60hz and I don't have a large enough room to move it around much, especially since its so large. It sounds better than my huge(12cuft) homebuilt sub which used an 18" woofer in a ported box, but thats what you'd expect for a professionally designed sub. What is the best way to tune a sub? I was under the impression the radio shack meters weren't very accurate at low frequencies. Also, I don't have any real EQ, so I'm not sure what I could do to it. -lan

Subject: Wayne: Me too! Me too!
Posted by [elektratic](#) on Mon, 27 Jun 2005 00:04:12 GMT

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Can I get the sub plans too? Pretty please? Even if I don't use them with my Pis? Thanks.

Subject: You've got mail!

Posted by [Wayne Parham](#) on Mon, 27 Jun 2005 03:05:22 GMT

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Subject: Re: I have a VMPS larger

Posted by [Wayne Parham](#) on Mon, 27 Jun 2005 03:13:10 GMT

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You can tune fb with impedance measurements. If there are no unusual cabinet features, it should be as predicted by the Helmholtz formula:

Subject: Have a look at the 15" JBL 2235H

Posted by [GarMan](#) on Mon, 27 Jun 2005 19:56:47 GMT

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You'll lose a few dB in sensitivity, but the 2235 will go a low as the 18" in a smaller box. Some people will suggest a 10ft³ but you can still get very good bass in 5ft³.Gar.

Subject: Re: You've got mail!

Posted by [trev](#) on Wed, 29 Jun 2005 15:55:33 GMT

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could i have the plans as well.

Subject: You've got mail!

Posted by [Wayne Parham](#) on Wed, 29 Jun 2005 17:44:07 GMT

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