Subject: Subs to pair with 2 Pi or 4 Pi
Posted by timhowell01 on Sat, 13 Dec 2014 05:24:58 GMT
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I built a pair of 2 Pis earlier this year, and am getting ready to start a 4 Pi build. I think I am also going to build a sub or two to go with my speakers. I know about the 3 Pi sub, but am also considering the Anarchy Tapped Horn. What should I be looking for in a sub to pair with these speakers?

Thanks in advance,

--TWH

Subject: Re: Subs to pair with 2 Pi or 4 Pi
Posted by Wayne Parham on Sat, 13 Dec 2014 14:01:34 GMT
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Flanking subs need to be capable of smooth output up into the lower midrange. It's just as important that they be they be faithful at medium-range frequencies as low. So they're called to take on more than just subwoofer duty. As for traditional subs or distributed multisubs - as long as crossover is kept below ~80Hz or so - then all you need is good clean bass.

Subject: Re: Subs to pair with 2 Pi or 4 Pi
Posted by Nick77 on Tue, 23 Dec 2014 22:40:01 GMT
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Quote: Flanking subs need to be capable of smooth output up into the lower midrange. It's just as important that they be they be faithful at medium-range frequencies as low.

Hi Wayne what range would you consider flanking subs to extend into medium range to be? 150hz?

Subject: Re: Subs to pair with 2 Pi or 4 Pi
Posted by Wayne Parham on Wed, 24 Dec 2014 15:57:03 GMT
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Well, yes, they need to be clean at 150Hz, but to me that means I would really like to see them be smooth up to 300Hz so a shallow rolloff slope can be used. The key is blending, so we don't want an abrupt rolloff.

Subject: Re: Subs to pair with 2 Pi or 4 Pi
Posted by Nick77 on Wed, 24 Dec 2014 19:52:04 GMT
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I have much work to do.....

What subwoofers can play that high? Open baffle?? Bandpass?

Subject: Re: Subs to pair with 2 Pi or 4 Pi
Posted by Wayne Parham on Thu, 25 Dec 2014 00:05:35 GMT
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Direct radiating woofers usually work best for flanking subs. But some front-loaded basshorns can work well too.