
Subject: Harmonic Distortion

Posted by [Wayne-o](#) on Sun, 09 Aug 2009 02:02:26 GMT

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Is there a lot less Harmonic distortion with the 4-Pis vs the 2-Pi s ??? thanks

Subject: Re: Harmonic Distortion

Posted by [Wayne Parham](#) on Sun, 09 Aug 2009 15:56:07 GMT

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approximately 15dB compared to a similar driver without a shorting ring. Add to that the fact that being pushed hard.

total system cost, speakers made from kits. I've had both setups, both are nice, the system with inexpensive powerful receiver is louder and the one with the tube amp is smoother, so each has its pros and cons.

Subject: Re: Harmonic Distortion

Posted by [Wayne-o](#) on Mon, 10 Aug 2009 00:17:42 GMT

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Does the 8-Pi have less distortion than the 2-Pi??? thanks

Subject: Re: Harmonic Distortion

Posted by [Wayne Parham](#) on Mon, 10 Aug 2009 00:46:09 GMT

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intermediate level loudspeaker. It can be used in corners but doesn't have to, looks real cool and sounds good too.

Subject: Re: Harmonic Distortion
Posted by [GarlandB](#) on Mon, 10 Aug 2009 18:04:13 GMT
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Wayne,

This is an interesting thread and I was curious how you'd rate the 4 Pi with Eminence woofer compared to the JBL. Is the Omega more like the 2 Pi's Eminence woofer in audio performance (house sound, distortion, etc.) or closer to the JBL? Just curious if I should start saving up for the JBLs which my wife would just LOVE to hear about since I just sprang for the used Omegas not too long ago.

Thanks,

Garland

Subject: Re: Harmonic Distortion
Posted by [Wayne Parham](#) on Mon, 10 Aug 2009 22:48:57 GMT
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I like Eminence, but the JBL woofer is night and day better. The Omega 15 cone is pretty well behaved, so it doesn't have jagged breakup up high. But the shorting ring makes the difference. The JBL sounds much cleaner, with about 15dB lower distortion. It is also less fatiguing when you listen at higher volume levels or at moderate levels for an extended period of time.

Subject: Re: Harmonic Distortion
Posted by [GarlandB](#) on Tue, 11 Aug 2009 17:17:14 GMT
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Wayne,

Darn it! I knew you'd say something like that! And now I have to scrimp and save and maybe if I'm a good boy I can buy myself a birthday present.

G.