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Subject: Mr. Parham

Posted by [Bugman](#) on Thu, 23 May 2002 15:07:40 GMT

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Hello. I don't know if you are the person who moderates this forum or if you are actually the person behind these Pi speakers. Please forgive my not knowing. In any event I think you may be able to answer my question. I do not see the Impedances listed in the areas where you give the specs of the individual speakers. Have I missed something here? Are they all the same? I suspect I just can't find the right place to tell me. It is an important factor to me and I suspect many others. If you could help me out here I would appreciate it. Thank you.

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Subject: Advertised and actual motor impedance

Posted by [Wayne Parham](#) on Thu, 23 May 2002 16:39:01 GMT

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impedance is not a terribly good indicator of the actual impedance of a motor. So impedance at resonance or "Zmax" is also shown, which is a critical determiner of performance on amplifiers having low damping factor like SET amps without negative feedback often have.

Previous discussions about impedance

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Subject: Re: Advertised and actual motor impedance

Posted by [Bugman](#) on Thu, 23 May 2002 18:43:30 GMT

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Thanks for responding Mr. Parham. I think you answered my questions, but I have one more. What is a piezoelectric? Actually I don't need to know much about it, just how does it effect the Impedence of the speaker as a whole? Does it have any resistance on it's own?

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Subject: Re: Advertised and actual motor impedance  
Posted by [Wayne Parham](#) on Thu, 23 May 2002 19:55:46 GMT  
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A piezoelectric device is one that uses a quartz crystal as a motor/generator. You can get exact specifications, including the impedance curve, at [www.PiSpeakers.com/KSN1041.htm](http://www.PiSpeakers.com/KSN1041.htm).

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Subject: Re: Advertised and actual motor impedance  
Posted by [Bugman](#) on Thu, 23 May 2002 21:42:04 GMT  
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Mr. Parham, you seem to be a wealth of knowledge here at this forum. Congratulations to you for your knowledge and your willingness to share it with others. Thank you for your help to me.