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Subject: Re: Size of the speakers

Posted by [gofar99](#) on Wed, 01 Nov 2017 02:54:05 GMT

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Hi, Anything smaller than 15 inches for a bass driver and a 7 cubic foot box to go with is not for me. Naturally I would say that as mine are like that. But such as they are they are extremely efficient and I can easily get to obnoxious sound levels with just 5 watts. But as Wayne has said the laws of physics will not be denied. Box size, speaker efficiency and low frequency response are all inter related. For fun reading read up on Thiel and Small parameters in their early works on low frequency response. The math is not complicated and the explanations pretty good. Yes you can pump in more power to overcome the size/low frequency restrictions, but at some point the speaker turns into a heat lamp. Watts are watts and in speakers that are low efficiency much of the input power turns into heat.

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