Subject: Re: Will they get smaller?
Posted by Wayne Parham on Fri, 28 Jul 2017 14:44:41 GMT
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You're right, John. It's physics, and has been mathematically quantified in Hoffman's Iron Law and Thiele/Small analysis.

The physics of a electro-mechanico-acoustic device dictate that it can be made small only if efficiency and/or bass extension are sacrificed.

So you can make a small loudspeaker, but you can't make a small loudspeaker that is loud and covers the whole audio band. You can optimize any two of those attributes, but not all three simultaneously.