Subject: High Efficiency and Amplification Explained
Posted by wunhuanglo on Sun, 28 Mar 2004 14:40:00 GMT
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Very technical.
http://f16.parsimony.net/forum27133/messages/3150.htm

Subject: Re: High Efficiency and Amplification Explained
Posted by Dean Kukral on Sun, 28 Mar 2004 16:01:13 GMT
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This post was very instructive, but contained an error, perhaps a typo or senior moment (I have those!).It says that a transformer makes electrons swifter, and this is not quite correct.Actually, the electrons are not "larger" in high powered amps as the article states. The correct term is that the electrons have "more mass," as the high powered amps lift them to relativistic speeds that the tubes cannot do. The transformer actually slows them down to non-relativistic speeds, therefore making them have less mass. The high speeds of the high powered electrons will rip a high efficiency speaker to shreds. I am sure that many of you tubeheads changed to tubes after destroying an expensive horn that way.BTW, donotbelieveanyofthisbullasitismeantinjestofcourse.

Subject: Re: High Efficiency and Amplification Explained
Posted by Wayne Parham on Mon, 29 Mar 2004 05:10:12 GMT
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Subject: However...
Posted by HenryW on Mon, 29 Mar 2004 14:17:25 GMT
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The author failed to address the fact that as the electrons get swifter and continue to travel at the near speed of light, time slows down for them and they age much slower than the obese electrons. This is commonly refered to as a 'phase shift' and is usually addressed by a decelerating crossover configuration. This is a complicated engineering feat (as we all know - higher frequency electrons are much more excited and travel faster than the low frequency electrons) and should only be handled by the professionals.Although the use of A Bybee filter should replace the need for logic in the above example.I thrive on this type of intelligent

discourse...

Subject: I wonder how fast Einstein would spin in his grave...
Posted by Bill Fitzmaurice on Mon, 29 Mar 2004 22:08:54 GMT
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if only he could read that piffle. Where do people come up with this crap? There's a far higher degree of technical accuracy in the average 'Star Trek' script, and I mean the original 1967 versions.

Subject: Re: I wonder how fast Einstein would spin in his grave...
Posted by wunhuanglo on Mon, 29 Mar 2004 22:48:22 GMT
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You do realize it's a joke, right?

Subject: Re: I wonder how fast Einstein would spin in his grave...
Posted by Bill Fitzmaurice on Tue, 30 Mar 2004 02:43:10 GMT
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On your part, of course. But show that link to the Cables or Tweaks sections at the Asylum and I guarantee a goodly portion of them would not only not see it as a joke, they'd treat it as Gospel. It certainly makes about as much sense as at least half of what I see in the Cables forum. But I guess that's why they call it an asylum, right?

Subject: Re: However...
Posted by Wayne Parham on Tue, 30 Mar 2004 10:34:13 GMT
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Oh, yeah! It's the tachyon factor! I think you're on to something!

Subject: Re: High Efficiency and Amplification Explained
Posted by Wayne Parham on Tue, 30 Mar 2004 10:38:38 GMT
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I don't know, Dean. I mean, transformers might actually do something omnicosmic.

Subject: So Bill....
Posted by HenryW on Tue, 30 Mar 2004 13:18:23 GMT
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I think you are on to something - The Star Trek wiring plan. Instead of speaker wire or the instability of using radio transmission for our speakers we could establish an electron transporter. Each electron would be captured and with a transporter at the source and one at the speaker we could move the electron without the fear of interference (unless we were in the midst of a deep space plasma storm - however, only Vulcans can survive in that environment).Live Long and Prosper

Subject: Re: So Bill....
Posted by Bill Fitzmaurice on Tue, 30 Mar 2004 13:30:11 GMT
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Forget about that idea. Using electrons limits you to the speed of light, and if I understand the cable mountebanks correctly the whole reason for $100 per foot cables is to overcome the limitations of the paltry .7 x 186,000 miles per second transmission speed of electricity through copper. Gaining that extra .3 x 186,000 MPS seems hardly worth the effort.Sub-space transmission is what's required. Grapevine has it that we can expect that technology from Bybee any day now.