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Subject: Re: Terry, could not really understand most of your post...maybe you can clarify?

Posted by [TC](#) on Fri, 06 Aug 2004 13:27:23 GMT

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>The speaker, to the best of my knowledge because of conservation of energy, CANNOT generate any back EMF force on the amplifier. Maybe I am wrong. Please elaborate==The speaker(load and circuit) does generate it's own electrical (inductance, resistance) signals that are introduced to the output loop of any amplifiers circuit. In low power ANY back EMF significantly affects the primary signal. This is usually ignored, but exists nonetheless. Since we are talking high efficiency, we are talking low power regardless of amplifier power. The reason people biamp triamp whatever is to maintain direct connection to an output circuit to avoid the problems of passive components in a circuit (yes this has been done since amps and spkr were invented). It always maintains ultimate possible clarity and provides for better control of the spkr. Most of the time this is an effort to increase dynamic range and power output capability. You can always go passive but it's not -better-.TC

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