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Subject: Re: Distortion mechanisms

Posted by [Mike.e](#) on Thu, 24 Feb 2005 00:05:28 GMT

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I think that we need a methodical approach, attacking the main offenders first rather than attacking the easy problems which have little effect. Polar response and crossover/driver interactions especially [as stated in SB1980 - Linkwitz] where he advocated 4th order LR filters and acoustic axis issues. What we have at the moment is an interesting market. The 'hifi' market that you see in the stores, and the 10% of those who are simply not happy with those products, be they engineers, enthusiasts, musicians or anything. The vast majority are happy with these cheap systems until they hear better, so the real 'hifi' owners will always be a minority group. I feel that the real improvements will always come through the pro-sound area and that there will always be the people who are happy with their technically bad, but subjectively good (to them at least) sounding systems. Once into this group there are so many ways to go, but to me there are 2 main branches each aiming at different goals: the low efficiency omnidirectional guys, and the directional high efficiency guys. These to me seem to be opposite and equal but just 2 extremes of the audio pie full of varying flavours! One can't be better than another, and as long as people admit where they are measurement-wise and aren't operating in a physics-free world I don't mind if they listen through 5" full-rangers or MTM d'Appolito 2-ways.. Cheers! Mike.e