
Subject: Re: Symmetrical and asymmetrical slopes in crossovers

Posted by [Marlboro](#) on Wed, 30 Sep 2009 17:00:33 GMT

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Thanks for the information, Wayne.

I have the suspicion that what you are talking about goes way beyond most DIYers. Most of us don't have the measuring equipment that is necessary or the crossover(acoustic or electronic)experience that is necessary to do what you are talking about. And DIYers who get into this kind of nuance are usually getting ready to actually sell their products and thus have to compete with professionals like yourself in the market place.

Additionally, most of our listening rooms are living rooms, and even with those that aren't, we have way more problems with reflections in the room that will swamp these fine detailed measurements that you are talking about.

Finally, many of us are not young and are not experienced in hearing lots of really top end equipment like yours, so our ears(and brains) are not trained to actually hear what seems so significant to the audiophile at your level. We are mostly happy with our 9 dollar bottle of wine and can't really tell the difference between it and the \$44 one.

IMO, measurement for the DIYer really consists of measuring the speakers we built IN THEIR LISTENING ROOM, and modifying it with an equalizer, or with simple changes in crossover or in frequency of crossover.

But its nice to know about these things even if most of us can't even begin to think about doing it. If we should ever get to that level we have some idea of what we have to do to compete.

Marlboro

p.s.: I asked a similar question on PE some time ago, and got a "What?????" type answer from one of the more well trained engineers there. This validates your assertion that these people spend more time with models than they do with actual measurements.
