
Subject: Re: plans for single frequency electronic crossover?

Posted by [Marlboro](#) on Tue, 20 Oct 2009 03:17:21 GMT

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Assuming that most speaker manufacturers (and this may be an inaccurate assumption) design their crossovers using either a very large warehouse, or the great outdoors, or an anechoic chamber, to get their passive crosses as accurate as possible in that flat stable environment.....

I've always had a problem with doing that. You buy a speaker and then you put it in a room. Whatever characteristics that speaker had acoustically in the great outdoors on a quiet day, or in an anechoic chamber are completely long gone.

Of course, except for the most expensive speakers in the world, no one is come out to your house when you buy the set and with an equalizer in hand, measuring the room that you are putting them in and giving you a custom modification.

But it would be nice to be able to do that, and incorporating the electronic crossover, and a specific equalizer..... well.

Problem is that you've indicated that its probably way more than that to do it right. And it would take a pretty savvy electrical engineer to do that.... Most certainly something that is really way out of my league.