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Subject: Re: Dayton Audio/Eminence Full Range Single Driver

Posted by [AudioFred](#) on Wed, 20 Feb 2013 11:58:07 GMT

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Wayne Parham wrote on Tue, 19 February 2013 16:41

If the humpty-dumpty response is too much, then give it a filter to make it better. There's a sort of balance, I think, between a little bit of voicing and what's too much. Some designs clearly go too far in the quest of ruler-flat on-axis response and the speaker sounds dead and lifeless.

That's what I've found with dsp equalization. You can create any number of filters and make the response +/- 1dB or less, but that doesn't mean it will sound better. Quite often when I completely equalize out a peak, I find I prefer the sound with that peak only partially eliminated. For example, that 6dB peak at 3.6khz is going to sound really bright, but the speaker might sound more lively and more involving with that peak reduced to only 3dB rather than completely eliminated.

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