Subject: Re: Amp Camp Amp
Posted by Wayne Parham on Sun, 09 May 2021 16:43:50 GMT
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There may be some high-efficiency speaker users that think "all amps are equal," but I think high-efficiency speakers are actually the kind most likely to expose the differences between amplifiers.

A speaker that generates over 95dB/W/M is going to be usually run under a watt in a home hifi setting. So, for example, zero crossing distortion from some push-pull amps is going to be much more obvious than an 80dB/W/M speaker running at 30 watts for the same SPL. The zero-crossing distortion on the low-efficiency speaker gets "lost" because it's proportionally smaller. But the dynamic range gets lost in the low-efficiency speaker too, which is what tends to draw people to high-efficiency speakers. They sound "bigger" and more "open."

So I do think you need an amp that's clean in the "first watt." You really notice the ones that aren't.