Subject: Thoughts on Parallel SE
Posted by GarMan on Wed, 13 Oct 2004 00:56:02 GMT
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Wondering if anyone has any experience or comments on amps built on a parallel single ended configuration? For example, two 300B SE in parallel. Does retain all the sound of a single SE but at twice the power, or is there compromises?Gar.

Subject: Re: Thoughts on Parallel SE
Posted by diyid on Wed, 13 Oct 2004 19:51:45 GMT
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Parallel SE tubes give twice the power so it needs twice the PS and twice the output transformer.

Subject: Re: Thoughts on Parallel SE, "chorus effect"
Posted by TC on Thu, 14 Oct 2004 04:51:43 GMT
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Chorus effect. Some speakers will reveal this sonic attribute of parralel SE amps. I listened to a pair of 845 parralell monos over the weekend, the large ads monitors masked the effect well, as well as some detail. Very dynamic. Horns and high eff will reveal a halo effect that's sometimes problematic with these designs sounding sometimes like digititus. If you need gobs of power it can work well.TC

Subject: Re: Thoughts on Parallel SE, "chorus effect"
Posted by GarMan on Thu, 14 Oct 2004 12:20:13 GMT
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So I take it that in building one of these designs, I'd have to be very careful to match components in the signal path and ensure its chassis placement is as identical as possible.

Subject: Re: Thoughts on Parallel SE, "chorus effect"
Posted by TC on Thu, 14 Oct 2004 13:42:28 GMT
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There may be topologies that mask this effect, a bit. When two tubes are run paralell I doubt you can eliminate the natural effect of the two "fighting each other" so to speak. IMHO if yo want more power you should design it in using a single tube. Or go PP. Use a transmitter for big guns.TC

Subject: RMAF
Posted by Wayne Parham on Fri, 15 Oct 2004 06:06:18 GMT
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Sorry to derail the thread, but how was RMAF?I really enjoyed MAF last year, so I'll bet you had a great time at RMAF. I enjoy all the good friends, music, food and fun. I like visiting with everyone the best, I think, but the collections of so much wonderful sound gear is what it's all about, naturally. There's lot of great stuff to see and hear, so it's a great place for people to audition products.

Subject: Re: RMAF
Posted by TC on Fri, 15 Oct 2004 14:45:14 GMT
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RMAF was a pretty darn good show. I think nearly every room had analog and what I consider quite good sound. Best venue for acoustics I have seen yet. Wide variety of equipment, fairly good attendance. Only complaint is Denvers neo macho aggressive traffic combined with road construction debris and superficial speed limits (65 posted, actual 85-90). In 4 days I experienced 1-road rage incident and 3 near miss colisions that all could have been avoided entirely if speed limits were acknowledged.TC

Subject: Re: RMAF
Posted by Wayne Parham on Fri, 15 Oct 2004 18:39:58 GMT
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Sounds like a good time had by all, except on the roads. I share your opinion about the quality of presentations. At MAF, I was impressed that just about every system was very good, and that a person would have been happy owning any of them. There wasn't a big disparity in the quality levels, sort of everything was 9's and 10's. Of course, you don't have the best acoustics in the rooms sometimes, but I don't expect that. Even so, you can still enjoy the systems and the company of the people that bring them.

Subject: Re: Thoughts on Parallel SE, "chorus effect"
Posted by DRCope on Sun, 07 Nov 2004 02:57:09 GMT
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I appreciate the theory behind that idea, and it may take place in some instances in a detrimental way, but having spent a lot of time listening to Audio Note Conquests, Kegons, Neiros and Kagekis, all of which have parallel pairs of 300B's and 2A3's respectively, I haven't ever been aware of any chorus, masking or fighting going on.YMMV.