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Subject: 300B Push Pull

Posted by [SteveBrown](#) on Sat, 29 Dec 2007 01:20:33 GMT

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Does it get any better than this? PP 300B's - no feedback, all class A? I built a similar design a few years ago and really liked it, but for some reason moved to something else. I always remembered this design as something special, so I rebuilt it this week, but this time using 300B's instead of EL34's or 6550's which I'd used originally. Now, I'm sure some of this is "proud Papa" stuff, but I'm really liking the sounds I'm hearing. Bass is very solid and articulate. I've put a pot in the cathode of the output to balance it better, and I'm using a different power transformer and consequently had to rework the power supply a bit. My changes are to use a beefed up Dynaco ST70 power transformer (rated for 300 ma). I also used a 5AR4 instead of SS rectifiers and a 3H choke instead of 10H. I have not added a cap bypass on the cathode R yet, but will do that tomorrow to see what, if any, improvement it makes. I was thinking of trying 40uf from the top of the cathode R to the center of the OPT, any thoughts? Anyway, I have a great deal of respect for Allen's stuff, and I'd really encourage folks to try them out. I think it is pretty generous for a manufacturer to share details like this - really nice sounding stuff. Of course, I have no affiliation, just a happy builder.

Schematics Allen Wright

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Subject: Re: 300B Push Pull

Posted by [Wayne Parham](#) on Sun, 30 Dec 2007 17:34:17 GMT

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That sounds like my favorite kind of amp. I'd like to swing by and have a listen sometime soon.

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Subject: Re: 300B Push Pull

Posted by [SteveBrown](#) on Sun, 30 Dec 2007 20:32:03 GMT

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Sure, Wayne, any time. I'm in Colubus until the 2nd, which is where I built these while taking 10 days off. Actually, only took me 3 days to build, but been listening since. I'm bringing them back to Tulsa with me, just got to figure out how to pack them! Hope you and your family had a nice Christmas, and all the best for 2008!

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Subject: Re: 300B Push Pull

Posted by [Wayne Parham](#) on Sun, 30 Dec 2007 21:38:25 GMT

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We had a great Christmas, thanks. Hope you did too. Sounds like it! Maybe we can get together next weekend or the one after that.

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Subject: Re: 300B Push Pull  
Posted by [SteveBrown](#) on Tue, 01 Jan 2008 23:31:26 GMT  
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Wayne, sure either way works, just let me know. One of the amps didn't survive the delicate treatment on American Airlines... wood chassis got pretty busted up, but a little gule and it should be okay.

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Subject: Re: 300B Push Pull  
Posted by [Wayne Parham](#) on Sat, 05 Jan 2008 18:48:22 GMT  
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Don't know if you're home today but you probably shouldn't be. It's 72° outside, sunny and beautiful. I'm gonna get on the pig and ride it this afternoon; I'll point it your direction and see if you're around. I'd love to hear that amp.

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Subject: Re: 300B Push Pull  
Posted by [SteveBrown](#) on Sun, 06 Jan 2008 01:19:09 GMT  
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Must have missed you, I was here from about 3:30 on. Let me know when you're by next time.

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Subject: Re: 300B Push Pull  
Posted by [Wayne Parham](#) on Sun, 06 Jan 2008 01:39:02 GMT  
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My bad, dude. I was out and about and time ran out before I had to get back. Let's plan on getting together next Saturday for a little while if that will work for you.

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Subject: That works for me (nt)  
Posted by [SteveBrown](#) on Sun, 06 Jan 2008 18:30:55 GMT  
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nt

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