Subject: 6AS7G
Posted by OldtimeReligion on Thu, 01 Nov 2007 20:12:20 GMT
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Hey, anybody here ever played with 6AS7G for SET outputs? Seems like it would make a fine stereo amplifier but I don't see many DIY designs around it. Alma-sphere likes it for their OTL amps but I'm thinking it might be nice for a SET amp too. Whatdya all think?~OR~

Subject: Re: 6AS7G
Posted by SteveBrown on Fri, 02 Nov 2007 15:12:33 GMT
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I have not, but it is a cool looking tube. Uses a ton of heater current. What I have consistently heard is that it isn't very linear. Never looked at the curves myself - so don't know for sure.

Subject: Re: 6AS7G
Posted by OldtimeReligion on Fri, 02 Nov 2007 20:49:43 GMT
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Ever heard Atma-Sphere amps? They use boatloads of that tube.
http://www.atma-sphere.com

Subject: Re: 6AS7G
Posted by SteveBrown on Sat, 03 Nov 2007 02:19:44 GMT
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Yep, I have heard them, now that you mention it. Totally different application then a SET, which is what you were asking about. Sure look nice all lined up, and very inexpensive. So heck, give em a try! I think you'll end up having to run both halves in parallel, I don't remember off hand the plate R, but was thinking it is really low, so you may need a purpose built output transformer.

Subject: Re: 6AS7G
Posted by SteveBrown on Sat, 03 Nov 2007 02:23:58 GMT
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Hey, just looked them up. Only 13W plate dissipation and Rp is 280 ohms, oh my! So paralleled halves I guess you could run them to 26W (6 W output or so), but Rp would be 130? So you'd need an output transformer in the 600 ohm range, and gapped for a bunch of current. Still, could be done.

Subject: Re: 6AS7G
Posted by OldtimeReligion on Mon, 05 Nov 2007 14:53:05 GMT
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Oh, now that does sound promising. Maybe we could have Heyboer or someone wind us the output iron.

Subject: Re: 6AS7G
Posted by rogerabbit on Fri, 04 Jan 2008 09:18:26 GMT
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I just want you to know that thee is a product using this tube. It's called the ONYX by WYETECH LABS with 13Wrms of SET powerTo get an idea of how this tube sounds in an SET circuit you can read the reviews on this product at www.wyetechlabs.com
ONYX MONO AMPLIFIER
