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Subject: 45 power trans/6072A driver tube  
Posted by [Manualblock](#) on Sat, 04 Jun 2005 17:18:11 GMT  
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Say Colin; the 45 amp requires 700v ct 80 ma with 6.3v winding; it appears that the MQ 5504 is the one used which by my reckoning is pretty much similar to what you have. Did you get the 813 schematic? I like the 813 tube. Anyone got a philosophy on that tube?

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Subject: Re: 45 power trans/6072A driver tube  
Posted by [colinhester](#) on Sun, 05 Jun 2005 00:46:09 GMT  
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Yes, I did get the link. This is the page google directed me to during my 813 searches. I really have not had a chance to look over all the options. Hopefully I can go through them all in the next week or so and make a final decision (yeah, right.) For the power Tx on the 45, I don't think the Heyboer is rated that high in voltage. I'll have to look again, but I thought it was around 400V max. As far as a philosophy, I have none other than if I build it, it will sound good to my ears. NO, I DO NOT WANT TO GET INTO THAT DEBATE AGAIN!!!!!! Colin

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Subject: Re: 45 power trans/6072A driver tube  
Posted by [Manualblock](#) on Sun, 05 Jun 2005 01:28:42 GMT  
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Actually the philosophy thing relates to how to implement that tube; I already said I LIKE THE TUBE! What is with you Ohio's and the caps lock thing? The 700 v is plate to plate isn't that 350-c-350? The Heyboer does that. 20 watts SE; can't beat it with a stick. Let me ask you; what if you made a judgement error on specs for the circuit; would it still sound good to you? Haste makes waste; take your time.

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Subject: 813's...  
Posted by [PakProtector](#) on Sun, 05 Jun 2005 01:37:50 GMT  
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Hey-Hey!!!, Anecdotal evidence only. Stuff like, can't do PP Ultra-Linear because the g2 will overheat. then I hear of many folks rigging it as triode in SE w/o troubles. I don't see any troubles, the g2 is rated for 20 watts, and that's 30 mA at 666 Volts. ~700 looks like a good OP with an 8-10k a-a load. Figure g2 current at between a fifth and a sixth of the anode current and we're

O-Tay....Run anode voltage too low and the g1 bias will be small in comparison to the filament, and that can contribute to hum if you're not careful. It is a cool looking valve, and pretty tough in the ratings. Say 600V for U-L rigging with 30% g2 and E-Linear tapping and run 100 mA of idle through the anode and I suspect you'r get a really nice 30 Watts.I am building with its little brother the 4E27. 65 Watt plate and a 5V/7.5A filament instead of the 813's 10V/5A. Both thoriated W filaments, the '27 is a true 3-grid pentode, and the 813 is a beam-Type. Who knows which will sound better. I am sure either can be harnessed.regards,DouglasPraise the Lord, and pass the 813's!

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Subject: Re: 813's...

Posted by [Manualblock](#) on Sun, 05 Jun 2005 02:04:55 GMT

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Which driver tube? You were pondering SE a while back; what about this tube as a experiment? I listened to a el 859 SE for yrs; but it lacked a certain life to the sound; any thoughts?How common are 4e27's?

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Subject: Re: 813's...

Posted by [Manualblock](#) on Sun, 05 Jun 2005 02:08:00 GMT

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Sorry; the EL 859 uses 509 tubes. Or 6KG6a's; I got 9 watts from it with 6922 driver stage.

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