Subject: Guienevere; PS
Posted by Manualblock on Sun, 09 Jan 2005 20:47:10 GMT
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Douglas; are you out there? I am sorry to be PITA but I want a better power supply for the pre. I don't care what it cost. Any thoughts? I think I will build the amp section and wait for your input. Thanks; J.R.

Subject: Re: Guienevere; PS
Posted by Damir on Mon, 10 Jan 2005 17:33:47 GMT
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Although active load has much higher PSRR (Power Supply Rejection Ratio) or PS/tube isolation then passive (resistive) load, you can add additional filter stage(s). We have SS/tube diode bridge, then LC filter - simply add one LC filter for the right channel, and other LC filter for the left. You can use a small choke (say, "Hammond" 153E - 7H/25mA/770Ohms) and another "motor run" cap.

Subject: Re: Guienevere; PS
Posted by PakProtector on Fri, 14 Jan 2005 16:56:55 GMT
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Hey-Hey!!!,The PS is easy. Any of the 300-series Hammond: 369GX, 369JX, 369AX will all allow a simpler, all valve rectifier. The 30 Hy choke is the next upgradeable: I got a Heyboer HTS-8039, a 35 Hy and +100 mA inductor. It is bigger than a St-70's output TX and set me back $70 and shipping. The Hammond 30 Hy/40 mA/600 Ohm item is quite within its ratings for our application.The single L-C supply gets 120cps ripple to less than a half volt P-P according to the PSUD sims I ran. The active plate load I suggested is quite capable of providing the required isolation from that sort of thing.The question I have is: How much extra do you feel like spending, as the improvements will be far more incremental after an innitial upgrade. Also the 261G6 is rated at nearly twice the DC B+ as the TX's I suggested. A custom Heyboer might be a better option(detailed/suggested:http://audioroundtable.com/GroupBuild/messages/138.html).keep asking questions please, there's plenty of answers left...regards,Douglas
PT suggestion