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Subject: Re: The next big thing

Posted by [gofar99](#) on Sat, 11 Jun 2022 02:27:20 GMT

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Hi, initially it was all polys. I found the hum level rather high though. Tinkering with it (that is high tech terminology for trying stuff) I found that paralleling the second filter with 100uf additional capacitance made it super quiet. Since 100uf 350v polys are both costly and huge I used an electrolytic. So that section has both a 33uf poly and a 100uf electrolytic. All the other caps except for the 330uf outputs and 100uf cathode bypass are poly types. My scope on spectrum analysis mode shows the 60 and 120 HZ from the PS now non-existent and buried in the residual tube noise. The 330uf output caps are NOS Sprague that I discovered in a surplus store a while back. They sound nice. The power supply polys BTW are by Audyn and are audio grade typically used in crossovers. I have used them in a number of builds and they do really well there. The coupling caps are Auricaps. After many years of building stuff I have found components that do the job well. I often use Audyn Copper caps, Jantzen Silver caps, Auricaps (standard and XO), K40-Y9 PIOs, and occasionally FT-4 teflons. My choice for cathode bypass is Silmic IIs. I used to use Black Gates, but they are not easy to get any longer. My choices all go back to the affordable diy nature of the projects I design. I go for great bang for the buck. Premium sound but at a price others can duplicate it. It is possible to "upgrade" any of my projects with high end parts and double or triple the cost. I would suspect strongly that 99% of listeners would not be able to tell which was the upgrade and which was not. I recommend that folks use ones they like (and can afford).

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