Subject: so then....
Posted by PakProtector on Sun, 22 May 2005 12:27:12 GMT
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With an 8k a-a, B+ can be 360 V, plus 75-80V of cathode bias, and B+:ground can be 450. No problem getting a 200v p-p swing(per plate) out of a supply like that. Go to 10k a-a and we can be absolutely sure of Class A operation if bias is in the 80-90 mA area.Use a CCS instead of a resistor, or perhaps an unbypassed R for the cathodes. I suspect the R will give better overload performance than the CCS.I'd rather build a low gain pre like Guinevere with 12B4's and roll a bit of gain into the adjustable volume control/buffer stage. Or take 12B4's and keep the 5687 gain of Guinevere. there is something to be said of two stage amps and linestages with gain. Work together on system requirements instead of building the whole thing to a specific standard of sensitivity(which will set limits on tube choice somewhere in the chain...).regards,DogulasPraise the Lord, and pass the 813's!