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Subject: Re: Today's Puzzler

Posted by [Damir](#) on Thu, 13 Jan 2005 12:06:44 GMT

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Frequency selective fault, hmm ?! I'd try to disconnect input and output connections from this triode and cathode bypass cap, too. Install grid leak (say, 100k from grid to ground) and then you have only  $R_a$ ,  $R_k$  and  $R_g$ . Be sure that B+ is OK (no bypass caps to the "wrong" places, etc.). Then try the 100Hz input direct at the grid pin, and measure the output, direct on the anode pin. You must get the good result, check everything. Check 220uF cathode bypass capacitor, polarity, and solder it, then check again (more amplification). Then check input jack and input pot and install them. Check again. If everything is alright, then check and install output cap, etc.

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