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Subject: 6S45Pi

Posted by [Damir](#) on Fri, 20 May 2005 12:13:05 GMT

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I have two pairs, bought as "matched", but for the differential "work" they probably need some "trimming" (high gm = small change in Ugk=large change in Ia). Fantastic tube, high  $\mu$  and gm, 1mm thick Ti-anode, Pt- grid wire, very linear, but needs some attention to avoid "transistor sound" (k5) - better run on lower current (by Pete Millett measurements). Then oscillations are highly possible, maybe best to use "stoppers" on both grid connections, and all four cathode connections. It's high on my list too (300B driver), but too many other options to try, and I'm too lazy... Another not so good feature is that it needs bias in the -2...2,5V area, broadly speaking, and cannot "accept" full 2Vrms signal from CD source... And we need about 2\*55Vrms input (min.) in 300B pair... not so easy even for 6S45Pi in diff. driver. But, one stage driver sounds good:-). At least, if nothing concretely, I posted the picture:-)

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