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Subject: Favorite output circuit

Posted by [Damir](#) on Thu, 23 Dec 2004 20:39:35 GMT

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Well, I didn't try them all, of course. The last 5 years I listen to the music through my DIY monoblocks (PPP, 4xEL34 or 5881 sometimes, concertina phase splitter, Plitron/Amplimo toroidal OPTs, triode or UL, no NFB loop). I'm satisfied, only criticism can be low damping factor - little "boominess" through rear ported speakers, JBL4208. As you can see, I'm not an audiophile, I even listen "lo-fi" recorded music... I have "neverending" breadboarded 300B amp, tube rectification (CLC + LC for the driver), I constantly (but slowly) try different things. Right now it has a cascode 5687 driver... maybe I'd solder this mess together in the 2HE rack case one day... Two toroidal PTs, 2 Lundahl 3k OPTs, 4 chokes, Svetlana 300B tubes. Well, to answer your question directly - for the good, but simple enough amp I'll vote for PP, good quality OPT, say "Plitron" 6k:50hms. Individual bias pots for the each output tube (say EL34, 6550, KT66, etc.). Split load (concertina) phase splitter with E182CC, ECC99 or 5687 tube. Power supply with another "Plitron" toroid, SS rectification, CLC+ LC for the driver (say, Lundahl chokes), B+ about 390V, good quality passive parts. About 25W in UL or half of that in triode. No NFB loop, AC heaters (good enough, IME). As you can see, 90% from the Vanderveen's book, but it works well. (Hehe, Plitron/Amplimo even has a similar kit - no affiliation:-)). That's very subjective and YMMV, etc. To be continued... Merry Christmas to everyone!

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