Subject: For those who can't find the schematic Steve and I talked about
Posted by Bill Epstein on Sun, 06 May 2007 22:34:54 GMT
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OK, Steve did all the talking. Would you have it any other way?
Simple 45 amp

Subject: Quick list of changes
Posted by SteveBrown on Mon, 07 May 2007 12:18:42 GMT
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As we talked about, a number of changes were made to this. Here are the ones I can recall off the top of my head...1. We made it a stereo amp, so the power transformer has better current rating to accomodate that (I'd suggest 100ma or so min, 150 better).2. R8 change to 25w3. C5 change to Solen 47uf, 250v4. R2 & R4 are tantalum5. Change SS diodes to a 5AR4 (you'll need a 5v, 3a winding on the PT to do this, but well worth it)6. Change C1 to 20uf, Solen, 630v7. We made a "dual mono" supply by adding a second choke after C1 and then an additional C2 for the second channel8. Make R10 270k, 5W9. C6 is 10uf Obligoto oil cap10. Use a Hammond filiment tfr w/dual 2.5v, 2.5a secondaries for the two 45's. By the way, with some minor changes, the iron and power supply will certianly support using 2A3's instead of 45. You'll need to change the cathode R on the output tube to do this. Also, remember, we're shooting for 10ma and 150v on the plate of the driver.