Subject: Re: SE 300B Project, Part 13 - The finished amp
Posted by Damir on Tue, 11 Jul 2006 16:33:07 GMT
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Unfortunately, I don`t have any experience with TVC - please, try it and report how it worked out! For the input capacitance of CCS loaded (I assume that you use CCS?!) stage, we must "count" on large "Miller" capacitance. Although EC8010 data said Cag=1,9pF, Morgan Jones measured 4,6pF-4,8pF (!), and if it is actually true, you can expect ~ 300pF on the triode input! If you have "Valve Amplifiers 3" - it`s on the page 560 and around... For C3g, data said Cag in triode 2,7pF, let`s say 3pF - then we can expect probably ~160pF of input capacitance.Again, my opinion is to build the 90% of the amp "as is" (PS and output stage, and part of the input stage), then temporarily try EC8010 on its socket and its parts soldered on socket pins. Then try C3g version, with various options (Rk or LED bias, g3 connections...).Only then you`ll know for sure what works for you.