Subject: 47 tube
Posted by Manualblock on Mon, 30 Aug 2004 02:23:11 GMT
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Gary Pimm's design looks really thorough. I will scan the 47 direct coupled article to you guys ASAP. I would like to say that these old radio craft and similar journals from the 50's and 60's are interesting reads. The explanations are somewhat simplified compared to Radiotron and The Radio Amatuers Handbook. I have a dream; that I can someday soon get started on the Transmitting tube amp. That is the power supply section I am trying to assimilate using some very good info from Eric on Damper diode full-wave rectifier circuits. Some of the DD's can be bridged to get 1200v on the plate but it requires seperate windings or a dedicated filament transformer. And which type to use? 6d22s may not have the juice.The other option is mercury rectifiers for some voltage regulation and high plate voltage, but they are difficult to work with.In answer to your question on the general forum Wayne(thanks for your kind offer to help) I have seen a full wave DD rectifier bridged for 1100 volts on a site that I can't seem to find again.This power supply is the one for the eventual SE 211 transmitting tube amp. Mercury is the most common circuit but I don't want to rule out the faster, cheaper better regulated DD's. Right now I am in the process of reading issue 17 of Vacuum Tube Valley; the article by Mr. Barbour called Rectifiers For Audio. I should have some questions for you all very soon. J.R. (Both Colinhester and Thermionic have been a great help with transformer discussion also.)