Subject: Galahad Amp
Posted by Wayne Parham on Sun, 12 Feb 2006 19:47:31 GMT
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What's the latest on the Galahad amp? Have there been any mods, or is the design something that could be considered complete? I know all things are subject to improvements, but I was just wondering if and when this design might be ready for prime time. I'd like to build one, but not until I'm sure it's good to go.

Subject: Re: Galahad Amp
Posted by PakProtector on Sun, 12 Feb 2006 20:41:12 GMT
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It is good. The Miller Neutralizing caps, and the front end's g2 dropping R are the only things I can't fill in any more details about. Figure about 5" of the coax I'm familiar with for each of the caps, and adjust the g2 R until it gives the specified voltage for the front end.Do you want me to send Heyboer the S-230-Q for cloning? or did you have another output in mind? I'd guess at a little bit lower price for the smaller 20W v. the 40W S-265-Q which also had the E-Linear mods done to it.The dropping R will also depend on the B+, which I'd suggest making right on 300, maybe plus a bit, but no lower. If you cathode bias, add 60V to the B+.cheers,Douglas

Subject: Re: Galahad Amp
Posted by Wayne Parham on Sun, 12 Feb 2006 22:11:52 GMT
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I'm not really blessed with a lot of extra time at this point, so it will be a little while before I can actually do anything. But I can start procuring parts, and maybe get a metal shop to fabricate a chassis. I'm kind of wanting to do it right, have a nice chassis made and chrome plated, that sort of thing. So I'll need to make sure of all the dimensions and what not before I start. As for transformers, I don't know what direction I'll take. I sort of expected you would have a part in mind. If Heyboer has a part available, that would be cool. Or maybe a James transformer or Audio Note. I dunno.

Subject: Re: Galahad Amp
Posted by PakProtector on Sun, 12 Feb 2006 22:49:02 GMT
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well...the having a part in hand is just a matter of timing. I am cloning the Peerless S-230 for mine. I'll probably have a few taps put in so I can later use it with a pentode if I wish. I will hopefully have a serious distraction for my amp building in the future, hence the offer I made in the 'Vault' post below. Make the arrangements with Heyboer and the original will be delivered for unwinding. Don't worry, it is only a single that I acquired just for that purpose, and moving the schedule up so somebody else can benefit looks like a reasonable thing to do.I am still contemplating a cathode driven PP 211 running near 1kV and using a 3k:500 as a PP:PP IT. Maybe drive with 6L6GC in E-Linear. Nice thing is the cathode is a fairly flat load to drive so a lot of NFB/damping factor won't be needed. Maybe after the 813 project...:)cheers,Douglas