Subject: Inside Guinevere
Posted by colinhester on Thu, 10 Mar 2005 02:59:18 GMT
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Lets hope this works.....Colin

Subject: No, really
Posted by colinhester on Thu, 10 Mar 2005 03:00:45 GMT
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.

Subject: SWEET!
Posted by Wayne Parham on Thu, 10 Mar 2005 09:33:02 GMT
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Oh, man, Colin - That's just tooo sweeeeeeet!Now I know I"ve gotta quit f*'in around and put my transformer to good use.

Subject: Nice!
Posted by PakProtector on Thu, 10 Mar 2005 12:02:59 GMT
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very well done. I think you are ready for the amp building now.regards,Douglas

Subject: Re: Inside Guinevere
Posted by Manualblock on Thu, 10 Mar 2005 21:49:52 GMT
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Beautifull piece of work; matching mono-blocks next up.

Subject: Mono blocks next, just need marching orders
Posted by colinhester on Thu, 10 Mar 2005 22:23:04 GMT
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Thanks for the compliment. I could not have done it without you egging me on (nudge, nudge.)Guinevere measures 12 x 12 x 5" and weighes a bunch, as you know. The amps will be of similar construction except be on 12 x 18" copper sheeting. So, when all is said and done the pre/amp combo will span more than 4' (feet) across!.....Colin

Subject: That's purrdy nice job!...John (nt)
Posted by Forty2wo on Thu, 10 Mar 2005 23:52:17 GMT
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nt

Subject: Re: Mono blocks next, just need marching orders
Posted by Manualblock on Fri, 11 Mar 2005 00:32:17 GMT
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Four Feet! Thats some slab of wire. Say; you could build it into one of those old console stereo's; 50's cachet'. Play Pat Boone records.Did you check out the 1619 amp sites?BTW is that still on the table, PP 1624's?

Subject: Pat who?
Posted by colinhester on Fri, 11 Mar 2005 00:37:22 GMT
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I found some nice sites on 1619 amps, but I'm not sure if I found the correct one. Please post site.Yes, I'm still very interested in the 1624. This is at the top of my list to build.....ColinPS. I do know who Pat Boone is.

Subject: save me some hunting please...
Posted by PakProtector on Fri, 11 Mar 2005 00:53:04 GMT
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and post some links to these 1619 amps. Very curious. as many as you have found.The 1624 is definately still on the table. If more power is desired, KT88's are a few tweaks away.regards,Douglas

Subject: Re: save me some hunting please...
Posted by Manualblock on Fri, 11 Mar 2005 19:13:01 GMT
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T and Colin; Bob Daneliack site does the amp I thought was a 1619 which is actually a 1626 tube, sorry for the confusion. It's called the Darling amp. It was originally posted in Sound Practices as an article. I have a copy if you guys are interested and I belive bob post's on the Joe List.

Subject: I got motivated...
Posted by PakProtector on Fri, 11 Mar 2005 22:25:21 GMT
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I found a few with google, 1619 + amplifier. How simple is *THAT*? I saw a neat one with a tertiary winding cathode feedback OPTx. Still had loop NFB. And a triode connected one(at SE 2A3 power). The 1619 in low percentage U-L with E-Linear drivers still seems like the best idea. I know it worked with mediocre OPTx, and with a good one, it ought to be stellar. The 1624 does have the glass envelope advantage...I am still trying to decide if a 40W core is better than a 20W core design. Or if a tertiary winding rig might be best. I guess it depends on how much you are willing to risk on the build. regards,Douglas

Subject: 1624 Schematic
Posted by cheetah on Fri, 11 Mar 2005 23:41:25 GMT
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Link to 1624 based amp.

Subject: Re: I got motivated...
Posted by Manualblock on Sat, 12 Mar 2005 00:11:07 GMT
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Wish I could bring something to the table here, not aware of what adverse risk would entail. Any chance the 1626 would work?

Subject: that's appropriate....
Posted by PakProtector on Sat, 12 Mar 2005 00:23:50 GMT
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as it was Gary's 47 amp which led me to the E-Linear connection discovery. I found that the amp ran into headroom troubles when we ran right off of the plate, hence the use of the screen tap for driver voltage. I did not attempt it with pentodes so there is likely not such a problem as with triodes.My amp is a bit simpler than that, but probably similar in performance(IMO, likely better, but I am biased, no?). It does not have the direct coupling issues(but instead, capacitor ones). there are a few differences in execution, but for thigs like filament TX choice, Gary has got it nailed. I also think 10k a-a is a better load for U-L connected finals. I am also doing away with the input TX. The cascode differential amp/long-tail-pair phase splitter will handle that better IMO.regards,Douglas

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Subject: Re: I got motivated...
Posted by PakProtector on Sat, 12 Mar 2005 00:30:25 GMT
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the 1626 is a small single triode. Its plate Z is ~2k5 at a reasonable O-P. It could be made to work as an amp's final, but there are better IMO. Type 45 among them(and I'm not much of a 45 fan). this is another option for using the Guinevere power Iron, PP 45's. Same 10k PP OPTx, but a bit lighter a current load than a pair of 2A3's. 45's are a bit on the expensive side, especially for new production. If a small triode PP amp is what you'd like, let's see if we can find a cool, nearly unknown one for it. 3 or 4 sections of 5687 per phase are one neat sol'n...regards,Douglas

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Subject: Re: I got motivated...
Posted by Manualblock on Sat, 12 Mar 2005 00:42:15 GMT
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I'll tell you why, you have the PP thing down and are enthusiastic about it. I believe the best design is more important than the SE or PP aspect. Plus I like a little power. Now that I am convinced I would ask that you; seeing as how your willing, just do what you do best and we'll build it.But I really like those Heybouer's so I would want the real good ones. Mono-blocks and big iron.Also would be good if it uses the existing oilers left over from the Guinevere. Make it nice like

you would want to own.We'll follow the ducky principle and waddle around after you.

Subject: such a responsibility
Posted by PakProtector on Sat, 12 Mar 2005 01:00:58 GMT
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this is getting too much like spending somebody else's money I think. I drew up a schematic on a big piece of paper for another chap building the 1624 amp. Let me see if I can get him to scan it for me so I can post it for inspection and commentary.If not, I'll draw up a few 8.5 x 11's in sections...regards,Douglas

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Subject: Quack, quack
Posted by colinhester on Sat, 12 Mar 2005 04:05:01 GMT
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I'm pretty much game for anything, but the 1624s are still seriously sexy looking tubes. They can be had for $12-20 a pop, so that's another bonus.Would love to see a schematic.....Colin

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