Subject: 47 tube
Posted by West Valley Joe on Wed, 25 Aug 2004 03:46:14 GMT
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I posted about 47 tubes in SET by mistake. Colin Hester showed some schems so there might be some interest here.
http://www.audioroundtable.com/SET/messages/211.html

Subject: Re: 47 tubes are nice
Posted by metasonix on Sat, 28 Aug 2004 21:48:19 GMT
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As Gary Pimm has found, 47s make excellent audio power amplifiers. Very low distortion as pentodes go. Unfortunately I can't say much for their future availability, they are getting scarce at dealers due to their cult use in power amps, as well as being the output tube in millions of antique radios. Unless someone makes a new version (with decent quality control), I wouldn't make an amp using them.

Subject: Re: 47 tubes are nice
Posted by West Valley Joe on Sat, 28 Aug 2004 22:22:00 GMT
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Thanks for your input, it's good to know the 47 is a good tube. I happen to have a _lot_ of them. Would a UL circuit be my best bet? Thanks, WVJ

Subject: Re: 47 tubes are nice
Posted by metasonix on Sun, 29 Aug 2004 02:20:34 GMT
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>Would a UL circuit be my best bet?I doubt you could use them UL and get decent power.The max rated screen voltage is 250v, and even with a 250v plate supply, a UL amp would exceed that on thescreen on every positive half-cycle. Unlike EL34s or EL84s, they weren't intended for ultralinear circuits.Gary always ran the screens from fixed DC, and even though he was running 330v, the tubes were stood off ground for direct-coupling,so the screens were always within rated operation.

Subject: Re: 47 tube
Posted by Manualblock on Sun, 29 Aug 2004 02:22:18 GMT
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Hi W.V.J; I became intriqued by your choice of the 47 tube as I remmembered I had an old article in Radio Craft Magazine that explains a nice SE direct coupled 47 tube amp. It seems pretty easy to build but uses a 56 or 27 driver tube and it is choke coupled. It is a 5 page breakdown of the amp with schematics and description. Very thorough. If interested it is too much to put on this site so should you like e-mail me and I can scan a copy to you. J.R.

Subject: Re: 47 tubes are nice
Posted by West Valley Joe on Sun, 29 Aug 2004 22:53:28 GMT
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Where can I find Gary Pimm's design? Thanks, WVJ

Subject: Re: 47 tube
Posted by West Valley Joe on Sun, 29 Aug 2004 22:55:41 GMT
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I appreciate your kind offer to email me. Thanks, WVG (westvalley_joe at yahoo dot com)

Subject: Re: 47 tube
Posted by Wayne Parham on Sun, 29 Aug 2004 23:29:17 GMT
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Hi John,I'd like a copy of that article too please. I have a few spare 47's and a couple radios I've restored that use them.Thanks,Wayne

Subject: Re: 47 tubes are nice
Posted by colinhester on Mon, 30 Aug 2004 00:30:51 GMT
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Is this it?http://home.pacifier.com/~gpimm/....Colin