Subject: Tubey Amps?
Posted by GarMan on Fri, 01 Oct 2004 19:04:05 GMT
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Do they still make tubey sounding tube amps? It seems that the trend these days is towards amps that are clean, transparent and distortion free. But what if I want the "tube" sound?What amps or designs would give me a healthy dose of even-order hamonics and that "bloom" that only tubes can give?

Subject: Re: Tubey Amps?
Posted by akhilesh on Fri, 01 Oct 2004 20:29:59 GMT
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DHT SETs like the 45, 300B or 2a3. -akhilesh

Subject: Re: Tubey Amps?
Posted by Manualblock on Fri, 01 Oct 2004 21:34:32 GMT
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Hi G-man; Like playing around with circuits? I downloaded Circuitmaker 6 last night. Lots of fun making simple circuits so far but there is tremendous possibilities here, just a lot to learn! Recommended and it is free. Little complicated but it works with Tube and SS.

Subject: Re: Tubey Amps?
Posted by BillEpstein on Fri, 01 Oct 2004 23:33:08 GMT
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You would prolly have to buy a CJ-MV50 or MFA Magus 200 or some other older one. Alternatively, the Bottlehead Foreplay with the stock volume pots driving the Paramours 2A3 amps without the C4S is a little tubby in the bass, lush in the mid-range and rolled off on top.ARC and then Counterpoint started the ball rolling toward more accuracy and detail and here we are today with tube amps that reveal inner detail, control the bass and extend well above 20KHz. Is that bad?

Subject: Re: Tubey Amps?
Posted by Manualblock on Fri, 01 Oct 2004 23:50:04 GMT
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Well you could use an output transformer that saturates easily, then some carbon comp resistors and those old paper and wax capacitors, find a poorly constructed transformer that is unable to swing full output at high frequencies, that should do it. Since the vacuume tube triode is still the most linear amplifying device made you would have to compensate for that with old inferior components to get that"bloom".

Subject: Try these....
Posted by Scott F. on Sat, 02 Oct 2004 15:21:10 GMT
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You're right. Very few manufacturers are making warm sounding gear today. It seems the trend is to make everything forward sounding.Mike at Jolida designs his amps to 'tame' the forward sounding speakers we all find on todays market. His transformer designs are excellent. Wide ultra-bandwidth with minimal saturation (Mike is actually a metalurgist speciallizing in transformer design by trade). Mike has hand chosen parts that give his amps a warmer presentation. You won't find any boutique parts inside. Another warm sounding pre that I've run across is the MAD (Mapletree Audio Design) Ultra 4M. The original design (not the updated version) was a very warm preamp. Mated to a detailed piece of gear, this preamp does a nice job of 'taming' the sound.Heres a couple of links to article I wrote about both pieces of gear.Jolida JD1000http://www.enjoythemusic.com/magazine/viewpoint/1004/joeaudiophile2.htmMAD Ultra 4Mhttp://www.tnt-audio.com/ampli/mad4multra_e.html(sorry, I tried to embed the links but it didn't work. you'll have to copy and paste then into your browser)These sound like what you may be looking for.RegardsScott F.

Subject: Re: Try these....
Posted by Wayne Parham on Sat, 02 Oct 2004 15:39:16 GMT
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To make clickable links, type this:Jolida JD1000-and-MAD Ultra 4MWhen you type the text above, it will display like this in your post:Jolida JD1000-and-MAD Ultra 4MThis is HTML. It is not very "user friendly," but the upside is you can put anything you want in your posts. Links, images, tables, whatever.

Subject: Re: Try these....
Posted by Scott F. on Sat, 02 Oct 2004 17:04:52 GMT
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Cool. Actually tried using the a ref= syntax but for some reason it didn't take when I previewed the post. Who knows, probably operator error.Oh hey Wayne, how do I update my email address and user settings on ART? I looked around but the link didn't jump out at me (again probably more operator error).Tx

Subject: Re: Tubey Amps?
Posted by Russellc on Sat, 02 Oct 2004 19:13:24 GMT
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It may be my imagination, but my tube amps sound more "tubey" (at least on my 4 0hm speakers) when hooked up to the 8 ohm taps. However, I also tend to use my 8 ohm on the 8 ohm taps! go figure. I am now going to switch my A7s to the 16 ohm taps for a try. I also have been meaning to dig up an old issue of Positive Feedback that had an article called "tap dancing". As I recall you needed a bi-wire setup, but it utilized all the taps, 4,8,and16 ohm at the same time. It showed more than one configuration, one with a more neutral sound, and others that emphasized the frequency extremes a little more. The authours argument was that speakers do not present a steady resistance, but one that varies with frequency, so hooking up to just one tap was a compromise at best, the other outputs being wasted. Plus, you could taylor sound just a little.If any are interested in this lunacy, I will try to locate the old issue? I have also wondered as to the effect of which tap on the output the feedback is connected to. My welbourne mod of the dyna st 70 moved this connection from the 16 ohm tap to the 8 ohm tap. More things to drive yourself nuts with, Russellc Russellc

Subject: Re: Try these....
Posted by Wayne Parham on Sun, 03 Oct 2004 07:55:47 GMT
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Hi Scott,It's real easy to change your E-Mail address. Just type in the new one next time you post. If you have cookies enabled in your browser, it will remember your E-Mail address (and password, if you're registered) and use it for all subsequent posts. If you don't have cookies enabled, you'll just have to type in your E-Mail address and/or password each time you write a message. ART stores username, password and E-Mail address in a cookie, and uses it to fill in the user fields for convenience sake.Wayne

Subject: Re: Tubey Amps?
Posted by Russellc on Sun, 03 Oct 2004 16:28:34 GMT
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Where did you download from, I only find circuitmaker 2000, or some student version?
Thanks, Russellc

Subject: Re: Tubey Amps?
Posted by Manualblock on Sun, 03 Oct 2004 17:08:52 GMT
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I had the same problem Russell, I searched a few sites until I eventually hooked up with the 6 model. That in fact may be the Student model on the other sites, but I investigated that also and It seems to be the same program. Let me say this is a very versatile and thorough program. I have been playing with it now for 2 weeks and have not even scratched the surface of what it can do.I do know that there is a pay program that is even more complete but that only offers more of the differing types of op-amps and transistors and more esoteric tubes but the capabilities to construct and model circuits is the same.I would post the site but I am not sure if that is allowed.

Subject: Re: Tubey Amps?
Posted by Wayne Parham on Sun, 03 Oct 2004 18:03:40 GMT
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Hi John,I'd sure like to see it; Please do post a link unless you thing the author would object.Wayne

Subject: Re: Tubey Amps?
Posted by Manualblock on Sun, 03 Oct 2004 18:58:41 GMT
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Hi Wayne; I checked the site thoroughly and it explicitly sates that students may download free. Schools must purchase the program, so I see no problem with sharing. I go on this site for the student version as Russell said, believe me, the student version offers plenty of options, check it out. Here is the site:Circuitmaker 6http://www.microcode.com/education/index.htmlThere is also a users group called Microcode Unofficial Users GroupThat site offers the option of purchasing a CD with a users guide for 50$ The regular full version costs 395$.It is a fun toy as well as learning experience. It is the student version Russell. But evidently there is not much difference in terms of

modeling. J.R.

Subject: Re: Tubey Amps?
Posted by Wayne Parham on Sun, 03 Oct 2004 19:25:42 GMT
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Cool, thanks!Have you ever worked with OrCAD?

Subject: Re: Tubey Amps?
Posted by Manualblock on Sun, 03 Oct 2004 20:55:13 GMT
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Is that the P-Spice program?

Subject: Re: Tubey Amps?
Posted by Wayne Parham on Mon, 04 Oct 2004 04:51:26 GMT
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Well, yes, they provide PSpice. But their claim to fame was OrCAD, which is a electronics CAD program. My first dealings with them was in the eighties, when fiberglass layout was shifting from guys manually laying tape to make PCB silkscreens to CAD programs like this.

Subject: Re: Tubey Amps?
Posted by Manualblock on Mon, 04 Oct 2004 11:42:55 GMT
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Is that a free site program for transferring schematics to PC's?

Subject: Re: Tubey Amps?
Posted by Wayne Parham on Mon, 04 Oct 2004 12:32:12 GMT
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Hi John,No, the programs are for sale. But I think they have some evaluation versions available. It used to be that you downloaded them but now it looks like you request an evaluation CD. One thing I think is cool, is that you can draw a schematic and the system will model it. You can print a copy of the schematic and build a prototype to confirm the model. Then when you are satisfied with the circuit, you can have a circuit board layed out. All this on one suite of programs on the same software platform. It's really pretty slick.WayneP.S. Here are a PSpice model I had done for an active crossover based on Steve Bench's circuit. It provides CD equalization for my