
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 harmonics 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 vacuum 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 today's market. His transformer designs are excellent. Wide ultra-bandwidth with minimal saturation (Mike is actually a metallurgist specializing 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. Here's a couple of links to article I wrote about both pieces of gear. Jolida JD1000 <http://www.enjoythemusic.com/magazine/viewpoint/1004/joeaudiophile2.htm> MAD Ultra 4M http://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. Regards Scott 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 4M This 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: 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 think 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 states 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.html](http://www.microcode.com/education/index.html) There is also a users group called Microcode Unofficial Users Group That 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 an 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 laid out. All this on one suite of programs on the same software platform. It's really pretty slick. Wayne P.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
