
Subject: k200-5 schematic

Posted by [stephen?](#) on Sat, 23 Dec 2006 01:51:38 GMT

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hey there, i am in need of a k200-5 schematic, i know someone who is very good with electronics and knows more than me about amps so he will take a look at it.please!

Subject: Re: k200-5 schematic

Posted by [stevem](#) on Sun, 24 Dec 2006 01:58:39 GMT

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If you have a fax number I can send you a copy on tuesday.

Subject: Re: k200-5 schematic

Posted by [stephen?](#) on Thu, 28 Dec 2006 02:30:55 GMT

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you can sent it to (604)534-7616. with the adress to Bill Z. thank you.

Subject: Re: k200-5 schematic

Posted by [daveobergoenner@gmail.com](#) on Sun, 07 Jan 2007 22:40:53 GMT

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Steve:

I have a K200-A5 with a dead reverb driver. A schematic would be very helpful to me as well...if you have one.

Any possibility you'd have one in electronic form, and could e-mail it to me?

For that matter, if you have any suggestions where to look for problems, I'd be grateful for that as well. The reverb return pre-amp works fine...I can tap the tank and get plenty of thunder-crashing.

I'd also like to improve some of the components in this amp to get rid of the hiss. I've heard it can be done.

BTW, your posts here have been very helpful to me!!!

Thanks,
Dave O.

Subject: Re: k200-5 schematic
Posted by [steve](#) on Mon, 08 Jan 2007 12:05:16 GMT
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Hi, I do not mean to say that it can not happen, but I have never seen a kustom with a bad reverb driver transistor. since you say you need a schematic, how have you determined that its a bad driver? Here are 2 ways to find out. (1) get a cord or adapter that has a RCA male on one end and a male 1/4" guitar plug on the other and plug it into the reverb send RCA in the amp and into another guitar amp and some guitar with the reverb up full and see if you get signal, or get a RCA to RCA cord and plug it into your stereo to check for signal. (2) With a voltmeter set for a low a/c voltage scale, clip the meter across the end of the rca plug feeding the reverb pan and again play while looking for signal. My guess is that the transformer on the input side of that pan is open. Have you ohm checked the input side of the pan? it should read about 180 ohms.

You can get schematics from this site.

Replacing the first and second gain stage transistors in both preamps with modern lower noise items helps the hiss problem.

Subject: Re: k200-5 schematic
Posted by daveobergoenner@gmail.com on Mon, 22 Jan 2007 15:57:52 GMT
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Yes, I'm getting no drive to the tank.

I have 4 or 5 reverb tanks, and I'm quite sure they all work just fine. Measured the drive voltage to the tank, and there's practically nothing showing up there...even with no tank connected.

Does the remote foot-switch have anything to do with the drive to the reverb? I don't have a foot-switch. My problem could be there...but without a schematic, I'm not really sure what's going on.

Where do I find a schematic for the K200-A5?...or one that's quite similar? I haven't seen one for that head yet. Perhaps I'm just not looking in the right place.

Thanks for the tips on the transistors...I'll try that for hiss reduction.

Sorry I've been so long responding.

Dave O.

Subject: Re: k200-5 schematic
Posted by [steve](#) on Mon, 22 Jan 2007 17:54:52 GMT
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Hi Dave, I can fax you a copy of the early k200 head as it may be the same reverb and vibrato board (PC 301) as in the latter A series head but I am not sure.

The PC301 board has one transistor (Q301) driving the pan thru a 10 MFD electrolytic cap.

The original 2n3565 transistor crosses to a nte123, or a 2n3904 that you can get at any radio shack location .I would just replace that transistor and That C301 10 MFD cap, as that cap itself could be bad and doing in the drive.
Their is also C309 cap, another 10 MFD that could be bad too, that is located off the center tap of the reverb control.

Subject: Re: k200-5 schematic
Posted by daveobergoenner@gmail.com on Mon, 22 Jan 2007 18:06:56 GMT
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I'd be very greatful for a copy of that Schematic!!!

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Thanks for the other tips too!!!

I have bunches of 2n3904's...but I was thinking that a cap had probably dried out.

I'm a broadcast engineer BTW...been doing that, and playing bass for more years than I'd like to admit!

Thanks again,
Dave O.

Subject: Re: k200-5 schematic
Posted by daveobergoenner@gmail.com on Tue, 23 Jan 2007 14:26:46 GMT
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Got it...thanks very much Steve!!!

Dave O.

Subject: Re: k200-5 schematic
Posted by [stevem](#) on Tue, 23 Jan 2007 17:37:23 GMT
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Hope its not too small, if you need any info from my full size one let me know.

Subject: Re: k200-5 schematic
Posted by [stephen?](#) on Fri, 23 Feb 2007 07:08:54 GMT
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THANK YOU SO VERY MUCH!!!!!!! as you can notice i havent posted since, which means ive been playing me new working amp.....and boy is it a beauty. why just today i had the cops come by on account of the volume!some people eh? and another thing!! that company backline ive told you about that tried pulling a fast one on me for the repair of the amp, well it ends up they stole the reverb pan out of the amp..or "misplaced" as the repair manager put it. but he said hed find me a new one or give me money for it, how much would it cost for one?(keeping in mind the guys a total dick who tries ripping off people who know little about amps)

Subject: Re: k200-5 schematic
Posted by [stevem](#) on Fri, 23 Feb 2007 11:44:09 GMT
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Antique electronics sells them, and if I recall correct they are around 28 bucks before shipping.

Subject: Re: k200-5 schematic
Posted by [daveobergoenner@gmail.com](#) on Fri, 23 Feb 2007 14:42:56 GMT
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I'd give that thief 24 hours, and then call the police!!!

It's those kinds of places that give all techs a bad name.

Dave O.

Subject: Re: k200-5 schematic
Posted by [stephen?](#) on Sat, 24 Feb 2007 01:58:41 GMT
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the police could care less, the people who would really want to know is the better business bureau, they would be the ones to do something about it
