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Subject: K-200B-2 normal channel

Posted by [slk854](#) on Thu, 28 Jul 2016 19:57:42 GMT

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I just got a 200B-2 and the bright channel seems to working ok. When I connect to the normal channel I have nothing, but when I turn the volume knob back and forth on that channel I have some sound. It is just what is input sound. It is just more like a scratchy volume sound but it will not pick up anything that is plugged into it. Any suggestions are greatly appreciated

Steve

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Subject: Re: K-200B-2 normal channel

Posted by [slk854](#) on Fri, 29 Jul 2016 12:47:31 GMT

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I just re read my post and I know it doesn't make a lot of sense. The bright side is working. The one with the reverb and vibrato. The normal side is not. It does not matter if you plug into the low or high jack. It does make a little scratchy noise if I turn the volume knob back and forth, but no input sound from a guitar. It will make the same noise when nothing is plugged into the jack. Need advice...

Steve

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Subject: Re: K-200B-2 normal channel

Posted by [steven](#) on Fri, 29 Jul 2016 12:57:57 GMT

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There are many things that can make for this problem and they all get solved by removing that board to repair it!

One thing that I have seen more and more as these amps get older is people breaking the pots trying to free the rusted pot shaft nuts that hold the boards to the inside face of the amp.

Trying to bust loose a frozen on nut can break the connections on the face of the pot and make for a issue like you have, of course a failed first gain stage transistor can make for the same problem , so like I posted that board needs to be backed off the inside face of the amp to do anything.

Remove all the knobs by means of tree set screw and then get the shaft nuts loose, use some rust breaker if need be and let it soak for a day and try to remove it again.

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Subject: Re: K-200B-2 normal channel

Posted by [slk854](#) on Fri, 29 Jul 2016 13:18:57 GMT

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Steve, thank you for the reply. Some things I am good at but some I am lost. When I get the board loose does it disconnect some how like the molex connectors on the 250 series, or will wires have to be cut. I am not too swift with electronic stuff. I can take apart and clean but that is about it unless it is pretty simple procedures. I do have some electronic skills but would never call myself a repair person.

Steve

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Subject: Re: K-200B-2 normal channel  
Posted by [steven](#) on Fri, 29 Jul 2016 13:52:14 GMT  
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No, no easy connections like in a metal face Kustom , so you may need to tract down a repair tech?

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Subject: Re: K-200B-2 normal channel  
Posted by [chicagobill](#) on Fri, 29 Jul 2016 17:05:48 GMT  
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If the volume control causes a noise in the amp, what happens to any of the background noise if you turn the tone controls or the bright switch? If the noises change with the tone controls, then the problem would be at the very input of the preamp.

Check the wires from the input jacks to the pc board. For that matter check the input jacks themselves. Make sure that the contacts are clean and that the little switching contacts that ground the input signal are opening when you insert a plug.

If you have a multimeter and a soldering iron and feel adventurous, you could try fixing it yourself. It could be a broken solder connection or a bad input transistor. Both things would be fairly easy for even a beginner to handle.

And if you really don't feel up to the task, you can always just remove the one pc board and ship it to Steve to fix for you.

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Subject: Re: K-200B-2 normal channel  
Posted by [slk854](#) on Fri, 29 Jul 2016 21:24:44 GMT  
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Thanks guys. I will let you know what I find

Steve

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Subject: Re: K-200B-2 normal channel  
Posted by [steven](#) on Sat, 30 Jul 2016 10:29:16 GMT  
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If you pull the board, to get more room to work on it you can undo the harness and cut it open so that you can butt splice / crimp it back together .

Boards get there needed circuit ground many times by being bolted to the chassis so do not fire the amp up with the board out until you have a ground in place.

If you look at the copper traces where the pots bolt to the board you can clearly see the ones that need grounding.

Like Bill kindly posted about checking the first gain stage transistor , new ones these days can be had for far far less then the cost of shipping them ,like far under 50 cents each and the ones made these days make less hiss than the original ones.

If you want yo drop off the board that is working you can use that boards first gain stage transistor as a fix for your bad board , but first do the checks that Bill posted.

Just note that the box type resistor off of the pilot lamp gets very hot so steer clear when the amp is on and for 3 minutes after the amp is off!

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Subject: Re: K-200B-2 normal channel  
Posted by [slk854](#) on Wed, 03 Aug 2016 18:44:03 GMT  
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This was the culprit...

Steve

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Subject: Re: K-200B-2 normal channel  
Posted by [chicagobill](#) on Wed, 03 Aug 2016 19:39:02 GMT  
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That was simple enough wasn't it?

Tell us how did you find the problem?

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Subject: Re: K-200B-2 normal channel  
Posted by [slk854](#) on Wed, 03 Aug 2016 19:58:11 GMT

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If the transistor is good, you should get an open-circuit reading from collector to emitter.

And most of all thank you to Stevem & Chicagobill for pointing out exactly what stage to check out first.

Steve

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Subject: Re: K-200B-2 normal channel  
Posted by [stevem](#) on Thu, 04 Aug 2016 10:04:56 GMT  
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Is that a shot of the actual bad transistor , or the replacement you put in?

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Subject: Re: K-200B-2 normal channel  
Posted by [slk854](#) on Thu, 04 Aug 2016 12:08:05 GMT  
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That is the replacement.....

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