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Subject: PC 5129 R3

Posted by [sunhead](#) on Mon, 22 Jun 2020 21:54:02 GMT

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Got a lead 2 and the 5129 is not getting any signal. Just hum. Looking for the schematic.

-S

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Subject: Re: PC 5129 R3

Posted by [stevem](#) on Tue, 23 Jun 2020 09:46:41 GMT

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I do not have a schematic for that amp, nor does this site so I need to ask if that 5129 is the driver board with the square Transistor heat sinks on it and box style 5 watt resistors, or is it a preamp board?

Also if you hook up a voltmeter set for D.C. Volts to the amps speaker output do you read any voltage?

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Subject: Re: PC 5129 R3

Posted by [sunhead](#) on Tue, 23 Jun 2020 19:44:12 GMT

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this is a preamp board

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Subject: Re: PC 5129 R3

Posted by [chicagobill](#) on Wed, 24 Jun 2020 03:24:50 GMT

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Do you mean that the preamp board is not passing signal?

Check the two power supply voltages. Then read the voltages at the outputs of the preamp chips. There normally is no (or little) voltage on the output pins.

The schematic is a the Music Electronics Forum.

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Subject: Re: PC 5129 R3

Posted by [sunhead](#) on Fri, 26 Jun 2020 15:00:03 GMT

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The amp was used to play a stereo through before I got it. Im sure the person blew the transistors out plugging in the stereo. The preamp signal is just hum, and increases hum when turning the

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reverb pot up. The board has 2 IC chips, unsure if they are damaged. I would like to rebuild with new transistors and maybe the IC chips. Looking for a parts list to order up the parts.

-S

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Subject: Re: PC 5129 R3

Posted by [stevem](#) on Fri, 26 Jun 2020 16:08:14 GMT

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How are you determining that the preamp signal is all hum?

If the preamp signal is all hum, then so will the output into the speaker sound the same, is that what you mean?

You seem unwilling to do the test outs that Bill and myself. Have asked you to do so that we might help you out better!

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Subject: Re: PC 5129 R3

Posted by [chicagobill](#) on Fri, 26 Jun 2020 16:26:09 GMT

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That board should have 3 ICs. Only 2 of them will stop the signal from passing, I1 and I3. I2 which is a dual opamp is used for the reverb driver and for the trem low frequency oscillator.

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Subject: Re: PC 5129 R3

Posted by [sunhead](#) on Sat, 27 Jun 2020 13:52:18 GMT

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Subject: Re: PC 5129 R3

Posted by [chicagobill](#) on Sat, 27 Jun 2020 17:48:30 GMT

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Yeah, that's the right board. I1 has been replaced earlier and a socket has been added.

I2 is the 8 pin 1458 in the center of the board and I3 is the round TO-5 (I think) one near the edge of the board. I3 is a house numbered LM3080 transconductance op amp.

Check transistors T1 and T2, then check for dc voltage on the in/out pins of the 3 ICs.

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Subject: Re: PC 5129 R3

Posted by [sunhead](#) on Tue, 10 Nov 2020 16:00:41 GMT

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Ok so The amp is now fixed, turns out one of the ziner Diodes failed and was putting 40 volts into the board. Replaced that now the board gets the 12 volts. The bigger IC was fried replaced that. Amp is working great now!

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Subject: Re: PC 5129 R3

Posted by [steven](#) on Tue, 10 Nov 2020 17:22:38 GMT

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Good news to hear!

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