
Subject: kustom III pa

Posted by [pinebrookjohn](#) on Sat, 30 Jan 2010 02:06:05 GMT

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hello guy/girls. i am having a problem with my pa it first 5 channels dont work but the 6th one does what could be the problem? i clean all the pots and it didnt help at all? thanks in advance

Subject: Re: kustom III pa

Posted by [kustomoholic](#) on Sat, 30 Jan 2010 16:33:19 GMT

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You might try working the molex connectors from the "bad" preamp boards...could be as simple as a poor connection and working the connectors might get you back in a good contact situation..I am not sure how the thing is wired internally but give it a shot...

Kraig

Subject: Re: kustom III pa

Posted by [stevem](#) on Sat, 30 Jan 2010 23:38:19 GMT

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Did all 5 fail at the same time?

Subject: Re: kustom III pa

Posted by [pinebrookjohn](#) on Sun, 31 Jan 2010 00:39:15 GMT

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I got the pa given to me so i dont know. From ehat i understand tho yes they all failed at the same time

Subject: Re: kustom III pa

Posted by [stevem](#) on Sun, 31 Jan 2010 16:03:01 GMT

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I would say that its time to bring it to a tech as my guess is that each channel is a seperate circuit module and they are all set up in parallel feeding the mixers driver stage.

This means that only three things are possible.

- 1) The moldex connector is not feeding power to these channels.
 - 2) The moldex connector is not passing the input or output signal
 - 3) All 5 channels have a dead IC chip and hence no gain,
-
-

Subject: Re: kustom III pa

Posted by [pleat](#) on Sun, 31 Jan 2010 18:22:52 GMT

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Since you don't know the history of the PA, I'd agree that 90% of the problems will lay in the molex connectors that jump from channel to channel. Not sure how much you want to dive into fixing it yourself but, if the last channel is working, the plug that feeding it seems to be working, you might want to remove the first channel out of the chassis and swap it to the working channel, if that works, then I'd guess your problem is in the connector plugs and a good cleaning of the actual plugs should bring all the channels back to life. My guess is, if you swap all the non working channels into the channel slot that is working and they don't work in the channel 6 spot, then I would guess someone at some time took a line from a speaker output and plugged it into the input of the non working channels, frying the pre amp.

Keep us posted

pleat

Subject: Re: kustom III pa

Posted by [pinebrookjohn](#) on Mon, 01 Feb 2010 02:57:18 GMT

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pleat wrote on Sun, 31 January 2010 13:22: Since you don't know the history of the PA, I'd agree that 90% of the problems will lay in the molex connectors that jump from channel to channel. Not sure how much you want to dive into fixing it yourself but, if the last channel is working, the plug that feeding it seems to be working, you might want to remove the first channel out of the chassis and swap it to the working channel, if that works, then I'd guess your problem is in the connector plugs and a good cleaning of the actual plugs should bring all the channels back to life. My guess is, if you swap all the non working channels into the channel slot that is working and they don't work in the channel 6 spot, then I would guess someone at some time took a line from a speaker output and plugged it into the input of the non working channels, frying the pre amp.

Keep us posted

pleat

thanks everyone for your input. I'll try messing with the molex connectors next and go from there. just one question if the pre amp was fried wouldnt all 6 channels not be working?

Subject: Re: kustom III pa

Posted by [stevem](#) on Mon, 01 Feb 2010 10:50:32 GMT

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No, as each channel has within it multiple preamp/gain stages.

Only the driver/ output stage, effect/reverb stage and the power supply are common to all the channels

Subject: Re: kustom III pa

Posted by [pinebrookjohn](#) on Tue, 02 Feb 2010 00:44:54 GMT

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thanks everyone i wont get to the pa this weekend as its up my brothers house thanks again everyone ps does anyone have a schematic for this pa.

Subject: Re: kustom III pa
Posted by [steven](#) on Tue, 02 Feb 2010 17:26:28 GMT
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Broadwaymusico.com has the schematic.
