
Subject: Kustom X MPA Monural Power Amp
Posted by [jammy5152](#) on Wed, 23 May 2018 17:29:20 GMT
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I just recently got a Kustom X Monural Power Amp 130 rms @ 8 ohm and when I got it hooked up through a mixer and microphone, it started good but after a while it started with a soft hiss and then gradually got louder until the hiss was LOUD and unbearable so I just turned it off... Using freeze spray to try to isolate it did not do much good in locating a bad component... Would like someone to given me ideas in repaing it
It uses a 5065 board which I was told
Thanks

Subject: Re: Kustom X MPA Monural Power Amp
Posted by [chicagobill](#) on Thu, 24 May 2018 03:53:51 GMT
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Welcome to the place!

I thought that the X was a stereo power amp, but I could be wrong. Is the hiss changed by the volume control? Is the hiss there when there is nothing plugged into the input? Does the hiss go away after the amp has been turned off for a while and then slowly build up again?

Hiss could be caused by many things, most often active devices like transistors, but also from old carbon comp resistors. Later versions of that power amplifier design used a number of 1% metal film resistors to help keep the noise down.

What sort of electronics skills do you have and what sorts of test equipment are available?

Again, welcome to the place.

Subject: Re: Kustom X MPA Monural Power Amp
Posted by [stevem](#) on Thu, 24 May 2018 10:17:06 GMT
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Are you sure it was not the mixer producing a unbearable level of hiss that was getting into the power amp?

Was the level of hiss louder then the signal that was being amplified?

I messed up power amp with its low amount of gain I would think would not be able to produce such a level of hiss.

Subject: Re: Kustom X MPA Monural Power Amp
Posted by [pleat](#) on Thu, 24 May 2018 17:39:03 GMT
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The X MPA is the mono amp and the X SRA is the stereo version.

pleat

Subject: Re: Kustom X MPA Monural Power Amp
Posted by [jammy5152](#) on Thu, 24 May 2018 20:27:31 GMT
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The hiss starts after it has been on for about 5 minutes.....The volume control does nothing for the hiss...

It slowly builds up until I have to turn it off

I've cleaned the connector that come from the volumn control and plugs into the board...

I have started checking the resistors out and also have used freeze spray so it's been slow

Subject: Re: Kustom X MPA Monural Power Amp
Posted by [jammy5152](#) on Thu, 24 May 2018 20:29:19 GMT
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The mixer has been used with a Crown Power Amp and their is no problem with the mixer
Matter of fact, I have used it for two shows I have done at a music festival...

Subject: Re: Kustom X MPA Monural Power Amp
Posted by [stevem](#) on Fri, 25 May 2018 09:57:48 GMT
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There must be a preamp board in there besides the 5065 driver power amp board because that 5065 board takes way takes way more then + 4 db out of a mixer to drive the output stage to 130 watts!

Is there another board?

If it is a issue on the 5065 board then I would say that transistors Q1 and Q2 are most likely suspects!
