
Subject: Kustom 200 PA Head

Posted by [Blueswaite](#) on Sun, 05 Jan 2014 21:40:24 GMT

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I get this Shhhhhhhh fairly loud. Not ass loud if I put it thru the 2x15 cab. The amp head has a 3 prong plug installed on it. Would this help putting it on the PA head which I plan on doing anyway or does something need replaced.

Not that it is an extreme issue. Once I plug my I pad in and get some jam tracks going into it it's not noticeable. Thought maybe there is a route I could take to tame it.

Would it hurt to disconnect the horns and just use the 3 10's in each PA Cab. I am thinking of replacing the top 10 in each cab with a 10" PA speaker with the tweeter or what ever it is called in so I still get the highs.

Amp will be used live. PA is just in my studio for home use. I like it a lot.

One other thing the reverb does not work could this contribute to this

Thanks

Subject: Re: Kustom 200 PA Head

Posted by [stevem](#) on Mon, 06 Jan 2014 14:08:54 GMT

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Some gain hiss is normal, a grounded ac cord is not the cure, but this upgrade should be done anyway.

Excess hiss can be due to noisy transistors in any of the preamps after the volume control in each preamp circuit, or from input transistors on the output driver board.

The reverb not working is likely do to one of the two small wires in each end of the pan being broken off, as this us the most common failure point.

I do not think that the non working verb is the source of the hiss.

If you have a volt meter hook it up across the end of the speaker cable with the meter set for ac volts, it will read down in the mill volt range.

Post back with this voltage reading and myself or Bill can tell you if it's normal .

This voltage is the hiss level you amp has, do this test will all the controls set to minimum.

Subject: Re: Kustom 200 PA Head

Posted by [Blueswaite](#) on Mon, 06 Jan 2014 15:42:36 GMT

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Thanks for the info. I am having an amp tech put cord in. He is an older gentleman that works on a lot of the old amps. Kustom, Fender, Marshall ect. I read several post on what to check. I'll have him do the check you stated. On my K200b1 head it is just noticeable the amp head is probably 2 1/2 times louder.

My under standing it is ok to disconnect the horn. I like the sounds when down low of the speakers but the horn adds like high mid range or something I don't care for

Thanks

Subject: Re: Kustom 200 PA Head
Posted by [Blueswaite](#) on Mon, 06 Jan 2014 17:48:32 GMT
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Up date on PA Cabs. Took backs off and I think the horn was added. It was in a wood box with four screws holding it from back of cab they were flat head screws. Took them out and rewired cabs. Hiss is a fraction of what it was and they sound really nice now. You can see the bolts and the cut out where the other 12 inch speakers were takin' out. Speakers are 8 ohm. I want to replace the one where I took horn out in each cab. Is there a particular speaker I would get. I know it needs to be a 12 inch 8 ohm. I was thinking a full range speaker. Or a bass speaker.
Thanks

Subject: Re: Kustom 200 PA Head
Posted by [stevem](#) on Mon, 06 Jan 2014 19:16:31 GMT
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The 200serise heads output there full 100 watts rms of power into a four ohm load, if you are going with three speakers then they need to be 16 ohm drivers for full power and a 5.3 ohm load. The two 8 ohm, or the three 16 ohm set up would both be wired in parallel. Running a 8 ohm load which is fine will net you only some 75 watts of clean power.

Subject: Re: Kustom 200 PA Head
Posted by [Blueswaite](#) on Mon, 06 Jan 2014 20:29:48 GMT
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Hope I was told right. I went from speaker jack hot of first speaker the went ground of first speaker to to hot of second speaker ground of second speaker to hot of 3rd speaker and ground of 3rd speaker to ground of speaker jack. Ran this for quite awhile seems fine and sounds nice. On speakers it says 8 ohms. My under standing this is series. My under standing this left the cabs at 8 ohms each and plugging both into the head would give you the 4 ohms. Just using the system in my studio. Use a Keyboard, Mike and guitar into it. I'll run my iPad or Mac into it to play jam tracks to jam to. Am looking into what I need to get to replace the speaker that was taken out to put it back to the 4x12 instead of 3x12. Also went band comes over to practice I use it for vocals
Thanks

Subject: Re: Kustom 200 PA Head
Posted by [pleat](#) on Mon, 06 Jan 2014 21:34:11 GMT
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The 4x12 column speakers use 8 ohm speakers and wired in series/parallel combination to get

each column to provide a 8 ohm per cabinet impedance. You can go on the technical tab of this site and pull up the speaker wiring diagrams.
pleat

Subject: Re: Kustom 200 PA Head
Posted by [Blueswaite](#) on Mon, 06 Jan 2014 22:44:13 GMT
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I looked but did not see it for wiring of the 200 PA cabs
Thanks

Subject: Re: Kustom 200 PA Head
Posted by [pleat](#) on Tue, 07 Jan 2014 00:15:16 GMT
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It is actually a Kasino wiring diagram on the tech page.
Top left shows the 4 speakers 8 ohms and gets you a 8 ohm total load.
pleat

Subject: Re: Kustom 200 PA Head
Posted by [Blueswaite](#) on Tue, 07 Jan 2014 01:27:08 GMT
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Thanks
Looks like the way I got the 3 wired is correct.
I'll use schematic when I hook up the 4 speakers as soon as I find what a replacement should be.
Systems sounds real good. Been running it a lot today.
On the 200 series heads can use have an effects loop installed.

Again Thanks

Subject: Re: Kustom 200 PA Head
Posted by [stevem](#) on Tue, 07 Jan 2014 14:03:04 GMT
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Putting a effects loop in could be done, but since both the in and out jacks need to be buffered for the best sound, and are not you will get better results just going in after the guitar as normal and into the amps front end / preamp.
