
Subject: Kasino U 100 ? & Hola!
Posted by [yuzerneigm](#) on Mon, 05 Sep 2016 21:40:44 GMT
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Well hello all! New to the site here. I have an old Kasino U 100 and i messed it on up. Changing out the power cord i caused the fuse to blow somehow. Replaced the fuse and now I'm getting very low volume that starts to break up when the volume is dialed up. Just wanted to ask u all what it might be in case its happened to anyone before. I'd appreciate any feedback thanks!! Chris

Subject: Re: Kasino U 100 ? & Hola!
Posted by [stevem](#) on Tue, 06 Sep 2016 10:24:15 GMT
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Hello and welcome!

Please discribe for me how you went about installing a new power cord , as messing up on its installation should have if anything blown the fuse or circuit breaker on the wall outlet you had the amp plugged into and have done any harm to the amp!
So is the new cable wired up correctly now?
Was the amp working ok before the cable install?

If the amp is not blowing a fuse now atleast that's one good thing, but the only guess I can take is that you bent a component up against another when working inside the amp.
A first guess would be the two leads off of the bias diode that loads into a clip between the two output transistors are shorter to each other or the diode is pushed into the clip too far and was shorting out?

Subject: Re: Kasino U 100 ? & Hola!
Posted by [yuzerneigm](#) on Tue, 06 Sep 2016 23:15:20 GMT
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The power cord is wired up correctly and I've removed the death cap. When I reinstalled a new fuse and powered up there was very low volume. I'll check ur suggestions and get back. Thanks so much!!!

Subject: Re: Kasino U 100 ? & Hola!
Posted by [yuzerneigm](#) on Thu, 08 Sep 2016 00:13:55 GMT
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Well, here's what I've come up with. I turned on the amp again this pm and noticed a spark. There's a black round thing that has 4 wires attached via tab connectors. It's location is right in front of the tranny and next to the fuse. Anyway, the connector is broken that connects the red

wires to the tab closest the front of chassis. This red wires connects from there to the pilot light and then to what is one of the two big filter caps. Other wires connected are 2 purple that apparently connect to tranny and 1 green to the other filter cap. This is the only odd/bad connection I can visibly see. Let me know what u think. Appreciated!!!!

Thanks,Chris

Subject: Re: Kasino U 100 ? & Hola!

Posted by [yuzerneigm](#) on Thu, 08 Sep 2016 00:58:12 GMT

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Oh and seeing as how input/output jacks tend to get cruddy I cleaned them and ran a patch cord in and out of the "module input" jacks. When putting the cord in the amp gave loud popping and noise as if I was tapping the plug with my finger tip at cranked volume. Odd. What are the "module input" jacks for?

Subject: Re: Kasino U 100 ? & Hola!

Posted by [stevem](#) on Thu, 08 Sep 2016 11:03:01 GMT

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They are made to feed other speaker cabinets that where offered back then and had power amps built in.

The point in these amps where they tap the signal off is the output side of the preamps and the input side of the power amp, hence the popping you where hearing when tapping the end of the cable !

If you ever have a amp the does not work doing this simple test will atleast confirm that the power amp section is working.

Subject: Re: Kasino U 100 ? & Hola!

Posted by [yuzerneigm](#) on Thu, 08 Sep 2016 13:06:26 GMT

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so they're simply preamp signal outputs? The weird receptacles are power supplies for these amped cabinets?

Subject: Re: Kasino U 100 ? & Hola!

Posted by [chicagobill](#) on Thu, 08 Sep 2016 16:14:10 GMT

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Yes, and the round black thing is the bridge rectifier for the power supply. I will guess that the disconnected red wire is the main problem with the amp.

Subject: Re: Kasino U 100 ? & Hola!

Posted by [yuzerneigm](#) on Thu, 08 Sep 2016 18:53:06 GMT

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So does this sound like a preamp circuit or power amp problem?

I kinda assumed that was the bridge rectifier after some research. My thoughts go to the possibility that the disconnected red wires between the bridge rec and filter cap originally caused the fuse to blow when I powered on the amp after changing the power cord. I'm guessing that it shorted to the chassis or what ever since I hadn't noticed it had been disconnected. Could this have damaged the bridge rectifier, power cap or anything else in its path causing the lack of volume.

Really appreciate all of your thoughts on this!!

Thanks so much!!, Chris

Subject: Re: Kasino U 100 ? & Hola!

Posted by [chicagobill](#) on Fri, 09 Sep 2016 04:40:42 GMT

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If as you say the red wire was disconnected, the positive side of the power supply was missing from the amp when you turned it on. This would cause the power amp to shift the speaker output to the negative side of the power supply, which probably caused the fuse to blow. What damage was caused by this is unknown and really unpredictable. The best way to find out is to test the parts.

If you have replaced the fuse and turned the amp back on, if the bridge rectifier was damaged, the new fuse would blow. Same for the power amp transistors, well most of them at least.

If you can power up the amp, leave the speaker disconnected for now until you check for voltage on the speaker jack. Measure the dc voltages at the two main filter caps. The red wire is the positive side and the green is the negative side. You should read somewhere around 40 dc volts pos and neg. Read the dc voltage across the speaker jack. You should get a reading of less than 1/2 dc volt at the speaker jack. A few millivolts is more normal there.

All of this assumes that you have the equipment and skill set to work on a live amp. Remember that a live amp can do you physical harm, so if you don't feel comfortable in making these tests, then don't.

Subject: Re: Kasino U 100 ? & Hola!

Posted by [yuzerneigm](#) on Fri, 09 Sep 2016 06:38:05 GMT

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Thanks chicagobill. I'm skilled and safe enough to do this just not knowledgeable enough to know the info u guys have. But with ur help I'll probably figure it out. Thanks so much!

Subject: Re: Kasino U 100 ? & Hola!
Posted by [yuzerneigm](#) on Sat, 10 Sep 2016 01:05:19 GMT
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Ok then, I was able to take measurements and got 40.1vdc, 39.2vdc and 2mv at the jack.

Subject: Re: Kasino U 100 ? & Hola!
Posted by [stevem](#) on Sun, 11 Sep 2016 10:23:09 GMT
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Those voltages are good so the amp should be fine !

Subject: Re: Kasino U 100 ? & Hola!
Posted by [yuzerneigm](#) on Tue, 13 Sep 2016 04:35:00 GMT
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well shoot fire!! I just don't know. Still getting low, low signal with a hard breakup distortion that fades to clean as the notes ring. Thanks folks!!!

Subject: Re: Kasino U 100 ? & Hola!
Posted by [stevem](#) on Tue, 13 Sep 2016 10:05:08 GMT
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if you take the signal off from one of the rear output jacks talked about before and pump that into another amp is that signal distorted also?

Subject: Re: Kasino U 100 ? & Hola!
Posted by [yuzerneigm](#) on Wed, 14 Sep 2016 02:33:48 GMT
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When I run signal from those preamp outs I'm getting the same business. Very low signal that sounds garbled and distorted. Must be in the preamp circuit?
Thanks again!
Chris

Subject: Re: Kasino U 100 ? & Hola!
Posted by [chicagobill](#) on Wed, 14 Sep 2016 04:09:11 GMT
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I will assume that all 4 channels are distorted the same way?

I believe that this model is similar to the K100-5. The preamp boards are supplied with a plus and minus 8 volt dc. The 8 volt supplies are generated on the main power amp board. Check to see if the two supplies are working and getting to the preamp and mixer boards.

Just to be sure, please look at the different boards in the amp and list the board numbers here.

Subject: Re: Kasino U 100 ? & Hola!
Posted by [stevem](#) on Wed, 14 Sep 2016 10:13:44 GMT
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I have never worked on that Kasino model before , but if Bill is right about it being like a K100-5 then on the rear wall of the amp there will be the PC 900 board.
The red and green wires heading out of that board to the other boards are the 8 volt positive and negative wires Bill wants you to check .

Subject: Re: Kasino U 100 ? & Hola!
Posted by [pleat](#) on Wed, 14 Sep 2016 19:57:20 GMT
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From reading the posts, I don't think he has a Kasino PA unit. With the module input jacks and the weird AC receptacles would make a guitar or bass amp. Guess we need a description of the control panel.

pleat

Subject: Re: Kasino U 100 ? & Hola!
Posted by [yuzerneigm](#) on Wed, 14 Sep 2016 20:01:45 GMT
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Subject: Re: Kasino U 100 ? & Hola!
Posted by [yuzerneigm](#) on Wed, 14 Sep 2016 20:13:45 GMT
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Ur right pleat. I believe this to be a bass amp. Its a 1x15 combo and has 3 jacks (high, low & footswitch) on the front panel. The knobs are volume brite treble bass & some tone switch pots. The pc boards are pc 5013 on the back side 5023 on the front.

Subject: Re: Kasino U 100 ? & Hola!
Posted by [chicagobill](#) on Wed, 14 Sep 2016 21:44:18 GMT
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Well, a single channel bass amp with Selectone and Selective Boost.

The basic starting point is the same, there are two low voltage power supplies that come from the power amp board to the preamp board. Check the voltages, do you have both plus and minus 8 volts supplies?

Subject: Re: Kasino U 100 ? & Hola!
Posted by [yuzerneigm](#) on Wed, 14 Sep 2016 22:15:42 GMT
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I will checkity check'em and get back dudes. Thanks so much guys!!

Subject: Re: Kasino U 100 ? & Hola!
Posted by [yuzerneigm](#) on Thu, 15 Sep 2016 00:39:45 GMT
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Well I was able to test circuit and got 2.09 for the red wire and -2.88 for the green... sounds like a problem right?
Thanks!!

Subject: Re: Kasino U 100 ? & Hola!
Posted by [chicagobill](#) on Thu, 15 Sep 2016 04:38:03 GMT
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Yes, that is a problem.

The two voltage regulators are on the power amp board. The negative side tracks the positive side, so check the positive side circuit first. Once it is fixed, the negative side will probably come up as well.

Subject: Re: Kasino U 100 ? & Hola!
Posted by [stevem](#) on Thu, 15 Sep 2016 10:14:18 GMT
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those two regulator circuits on the 5023 board look like standard K200B stuff.

Subject: Re: Kasino U 100 ? & Hola!

Posted by [yuzerneigm](#) on Sun, 18 Sep 2016 17:01:54 GMT

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Might there be a way to tap straight into the power amp? Essentially to bypass the preamp and use just the power amp? Thanks so much guys! You've really been cool!!
