
Subject: Krossroad 500 - "pop" when shutting off
Posted by [rodak](#) on Tue, 14 Mar 2017 19:49:05 GMT

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Just a little off-track here - I have a Krossroad 500 bass head, and when I turn the power switch off, there's a pretty loud "pop" or "snap" from the speakers. I used to be able to turn the little horn in the 2x10 cab all the way down which would at least eliminate most of the sound, but I tried that the other day, and even through just the 2x10 and 1x15 speakers it was really pretty loud. Any ideas what component might be going south that would cause that? I do know the amp has a gizmo that keeps the speaker outputs disconnected for a second or so after power on, presumably to avoid any unpleasant "thump" (what a terrible idea!), but I don't think it's intended to turn the outputs off prior to powering the amp off.

I don't have schematics - anyone know if any are available? Last time I checked, they weren't to be had.

Subject: Re: Krossroad 500 - "pop" when shutting off
Posted by [chicagobill](#) on Tue, 14 Mar 2017 23:13:15 GMT

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Normally the speaker protection relay will turn on slowly to hide the turn on thump and turn off quickly to hide the turn off pop. It could be that the relay timing cap is gone off value.

Or it could be that the power amp is making a bigger turn off pop than it used to. Most times these pops are caused by the top and bottom sides of the power amp turning on or off at different rates. This could be caused by leaky transistors, aging capacitors, off value resistors, etc.

I have personally not seen many Krossroads amps, and I have never seen any schematics.

Subject: Re: Krossroad 500 - "pop" when shutting off
Posted by [rodak](#) on Thu, 16 Mar 2017 00:38:38 GMT

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Thanks, Bill. I'll have to open this guy up soon and check out that relay and stuff.
