

Audio Switcher Help

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2007-11/msg02865.html>

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 - *Date:* Mon, 19 Nov 2007 07:31:45 GMT
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I'm trying to use the MAX4571 essentially to mute some audio channels,

http://www.maxim-ic.com/quick_view2.cfm?t=qv&qv_pk=1974#Applications%2FUses

I got the controller to work and it seems fine. My test was to put V+ on the input and scope the output(with a pull down to ground for when the switch is off). It seems to work fine. My code simply toggles the state the switches every 1s or so.

But when I put an audio signal on the input instead I get the negative half clipped and it is extremely attenuated(About 1/10 or more). What I did was actually pass a sin wave generated by my computer which goes into a mixer(for easy volume control and other things that I tend to do) then from the mixer's headphone out into the input of the MAX4571.

Audio+ --- MAX4571 NO1

MAX4571 COM1 ----+---- Audio-
R
|
GND

(R anywhere from 500 to 3k but didn't help any and made it worse for lower and high values)

With the scope connected to +.

Any ideas why the signal would be clipped and severely attenuated?

Its possible I ruined the device. For some reason my first PIC's I2C channels stopped working so I might have shorted something out when I was probing around. I replaced the pic and everything seemed to work but maybe I screwed up the MAX4571 although it will passes the constant voltage just fine.

First thing I need to know is if it passes AC completely(the scope says no

