

# Re: Sound card problems

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- *From:* Darrell Stec <[darrell\\_stec@xxxxxxxxxxxxxxxxxxxxxx](mailto:darrell_stec@xxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 25 Sep 2006 04:28:31 -0400
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After serious contemplation, on or about Monday 25 September 2006 1:54 am John Bowling perhaps from [johnlb2002@xxxxxxx](mailto:johnlb2002@xxxxxxx) wrote:

John Bowling wrote:

Rajko M. wrote:

John Bowling wrote:

Original is on the motherboard (Asus KV8-MX) VT8233/A/823/8237 AC97 Audio Controller. Asus has a driver, but it is source code that gives me kernel library sources not installed problems (in Yast2, the kernel-lib sources are installed).

So I tried a Muse (Yamaha) and could not find a driver that would install.

Not I'm trying Sound Blaster SB Live! 5.1 Model SB0100 and still no drivers. Why can't there be a basic sound blaster driver that works to do simple sound with any version? I have no intention of using beyond 2 channels out and one in.

I even tried a a mVox MV100 usb speaker & mic with built in DSP & echo suppression. It works fine with Skype on Windows, but Skype on Linux

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won't talk to it. I assumed that this is because of the lack of a working sound card.

John

Hi John,

What version of SUSE you are using?  
The onboard card should work, as well as most of Sound Blaster. The VIA VT8233/A/823/8237 AC97 is supported. It worked for me on all SUSE installations since SUSE 9.1.

Why you are trying to find driver from Asus? The VIA driver is opensource and it can happen that SUSE has newer driver that doesn't need compilation.

Have you tried to use YaST Control Center -- Hardware -- Sound? The only thing that might be added is audio mixer to enable sound, but in most of the versions YaST will do that for you.

Yes, several times. Yast sees the sound card and enables it, but I never get anything out of it, on any output ports. That probably means a hardware failure. I've only had SUSE 10.0 and 10.1 installed on this mb, so I can't verify that the hardware is good. And I don't feel like ripping the system apart to just get sound.

On the plug in card, there are several sound blaster Linux drivers, but not for this specific model, and those that I tried said they could not be found and that it may be an IRQ or similar problem. Creative has never done a Linux driver for this board. Guess I may try all the drivers on an small off chance one may function. Or will Yast tell me that the id string from the board and the id string on the driver don't match so it won't even try to use it?

I'm willing to get another sound card, if I can be sure I can get a driver for it. Considering that most vendors don't identify the card very well, and I can't go into a store and open every one to find a chip that matches a list of drivers.

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Additionally:

I tried another Sound Blaster Plus! from a Dell machine. Using the Dell/Creative SBPlus! driver (only one listed) I got the same results.

I then shut down, removed the add on card, checked the BIOS to see if the built in sound could be turned off (just in case it interferes with interrupts). No sound controls in the BIOS.

I brought the machine back up with no added sound card. It will not let me edit or delete the b/i sound. Edit just backs out of the sound configure completely and delete is totally ignored. This happens with both the GUI and text based Yast. Does it require a second sound card that Yast detected in order to modify the first?

Just for information, the sound chip is not VIA but AD1888 (Analog Devices), and apparently, with the same VIA chip, there are multiple sound chips selected at the whim of the mb manufacturer. There is no Linux driver in the list for the AD1888, but both AD1884 and AD1889 won't work. Unless Yast is so stuck on it's selection it won't let any change be made! Given that I can't edit it's selection is a dead (sound) giveaway!

John

Those are all VIA sound chips. Try deleting your sound device completely then reboot. Reinstall the VIA chip driver which should happen by default.

Next fire up the Mixer and set all volumes (most especially the Master and PCM) to maximum and make sure the little green light is lit on all of them.

Next in the Control Panel try setting Sound & Multimedia --> System Notifications --> Player Settings and select Use the KDE sound system and increase the volume to maximum. If you still don't get sound try selecting the Use an external player and see if that helps or hinders.

If you are testing Midi you have to load Timidity or FluidSynth.

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Later,  
Darrell Stec darstec@xxxxxxxxxx

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