

Sound, dual soundcards, second attempt (better I hope)

Source: <http://linux.derkeiler.com/Newsgroups/comp.os.linux/2004-01/0188.html>

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I am attempting to setup two soundcards in Gentoo, kernel 2.4.22-gentoo-r2.

I believe that alsa is setup correctly, sound works wonderfully out of one of the sound cards.

I first emerged alsa, then later in an attempt to solve this issue emerged a newer kernel and re-compiled it and all the modules and switched to it. I have also emerged alsa-tools.

The following is the output of lsmod.

```
deejay root # lsmod
Module Size Used by Tainted: PF
snd-pcm-oss 34372 0 (autoclean)
smbfs 31696 1 (autoclean)
driverloader 122376 1
snd-mixer-oss 10864 1 [snd-pcm-oss]
snd-emu10k1 57332 1 (autoclean)
snd-pcm 53984 0 (autoclean) [snd-pcm-oss snd-emu10k1]
snd-hwdep 4256 0 (autoclean) [snd-emu10k1]
snd-rawmidi 12160 0 (autoclean) [snd-emu10k1]
snd-util-mem 1184 0 (autoclean) [snd-emu10k1]
snd-page-alloc 5428 0 (autoclean) [snd-emu10k1 snd-pcm]
snd-ac97-codec 35512 0 (autoclean) [snd-emu10k1]
snd-timer 13156 0 [snd-pcm]
snd-seq-device 3568 0 [snd-emu10k1 snd-rawmidi]
snd 28324 1 [snd-pcm-oss snd-mixer-oss snd-emu10k1 snd-pcm snd-hwdep snd-rawmidi snd-util-mem
snd-ac97-codec snd-timer snd-seq-device]
soundcore 3364 12 [snd]
nls_iso8859-1 2780 1 (autoclean)
nls_cp437 4316 1 (autoclean)
vfat 9100 1 (autoclean)
fat 29272 0 (autoclean) [vfat]
serial 50564 0 (unused)
isa-pnp 27204 0 [serial]
```

comp.os.linux: Sound, dual soundcards, second attempt (better I hope)

```
loop 8124 0 (unused)
ide-tape 40080 0 (autoclean)
st 27052 0 (autoclean) (unused)
usb-storage 56348 0 (unused)
hid 13332 0 (unused)
usb-ohci 17312 0 (unused)
uhci 22752 0 (unused)
ehci-hcd 14944 0 (unused)
usbcore 55264 1 [usb-storage hid usb-ohci uhci ehci-hcd]
initio 17396 0 (unused)
ncr53c8xx 50996 3
```

The following is /proc/asound

```
lrwxrwxrwx 1 root root 5 Jan 8 08:15 Live -> card0
lrwxrwxrwx 1 root root 5 Jan 8 08:15 Live_1 -> card1
dr-xr-xr-x 7 root root 0 Jan 8 08:15 card0
dr-xr-xr-x 7 root root 0 Jan 8 08:15 card1
-r--r--r-- 1 root root 0 Jan 8 08:15 cards
```