

```
upload=true&script=true&cardinfo=
!!#####
!!ALSA Information Script v 0.4.57
!!#####
```

!!Script ran on: Mon Jul 20 21:07:20 UTC 2009

```
!!Linux Distribution
!!-----
```

Welcome to openSUSE 11.0 (i586) - Kernel \r (\l). openSUSE 11.0 (i586)

```
!!DMI Information
!!-----
```

```
Manufacturer:      Hewlett-Packard
Product Name:      Presario 2100 (DK587A)
```

```
!!Kernel Information
!!-----
```

```
Kernel release:    2.6.25.11-0.1-pae
Operating System:  GNU/Linux
Architecture:      i686
Processor:          i686
SMP Enabled:        Yes
```

```
!!ALSA Version
!!-----
```

```
Driver version:    1.0.17
Library version:   1.0.17
Utilities version: 1.0.17
```

```
!!Loaded ALSA modules
!!-----
```

snd_ali5451

```
!!Sound Servers on this system
!!-----
```

```
aRts:
  Installed - Yes (/opt/kde3/bin/artsd)
  Running - No
```

```
!!Soundcards recognised by ALSA
!!-----
```

```
0 [A5451          ]: ALI5451 - ALI 5451
                   ALI 5451 at 0x1000, irq 5
```

!!PCI Soundcards installed in the system
!!-----

00:06.0 Multimedia audio controller: ALi Corporation M5451 PCI AC-Link Controller
Audio Device (rev 02)

!!Advanced information - PCI Vendor/Device/Susbsystem ID's
!!-----

00:06.0 0401: 10b9:5451 (rev 02)
Subsystem: 103c:002a

!!Loaded sound module options
!!-----

!!Module: snd_ali5451
enable : N
id : <NULL>
index : -1
pcm_channels : 32
spdif : N

!!AC97 Codec information
!!-----
--startcollapse--

0-0/0: Conexant Cx20468 rev 1

PCI Subsys Vendor: 0x0000
PCI Subsys Device: 0x0000

Capabilities : -reserved1- -headphone out-
DAC resolution : 18-bit
ADC resolution : 18-bit
3D enhancement : No 3D Stereo Enhancement

Current setup
Mic gain : +0dB [+0dB]
POP path : pre 3D
Sim. stereo : off
3D enhancement : off
Loudness : off
Mono output : MIX
Mic select : Mic1
ADC/DAC loopback : off
Extended ID : codec=0 rev=0 AMAP DSA=0 VRA
Extended status : VRA
PCM front DAC : 48000Hz
PCM ADC : 48000Hz
Extended modem ID: codec=0 LIN1
Modem status : PRA (GPIO)
Line1 rate : 48000Hz

0:00 = 0152
0:02 = 0808

0:04 = 0808
0:06 = 0000
0:08 = 0000
0:0a = 0000
0:0c = 0000
0:0e = 0003
0:10 = 0303
0:12 = 0b0b
0:14 = 0000
0:16 = 0000
0:18 = 0b0b
0:1a = 0001
0:1c = 0404
0:1e = 0000
0:20 = 0000
0:22 = 0000
0:24 = 0000
0:26 = 000f
0:28 = 0201
0:2a = 0001
0:2c = bb80
0:2e = 0000
0:30 = 0000
0:32 = bb80
0:34 = 0000
0:36 = 0000
0:38 = 0000
0:3a = 0000
0:3c = 0001
0:3e = 0100
0:40 = bb80
0:42 = 0000
0:44 = 0000
0:46 = 0000
0:48 = 0000
0:4a = 0000
0:4c = 0030
0:4e = ffff
0:50 = 0030
0:52 = 0000
0:54 = 0000
0:56 = 0000
0:58 = 0000
0:5a = 0000
0:5c = 0604
0:5e = 0000
0:60 = 0000
0:62 = 0000
0:64 = 0000
0:66 = 4000
0:68 = 0000
0:6a = 0000
0:6c = 0000
0:6e = 0000
0:70 = 0000
0:72 = 0000
0:74 = 0000
0:76 = 0000
0:78 = 0000

```
0:7a = 8004
0:7c = 4358
0:7e = 5429
--endcollapse--
```

```
!!ALSA Device nodes
!!-----
```

```
crw-rw---- 1 root audio 116,  0 Jul 20 13:06 /dev/snd/controlC0
crw-rw---- 1 root audio 116, 24 Jul 20 13:06 /dev/snd/pcmC0D0c
crw-rw---- 1 root audio 116, 16 Jul 20 13:06 /dev/snd/pcmC0D0p
crw-rw---- 1 root audio 116, 33 Jul 20 13:06 /dev/snd/timer
```

```
!!Aplay/Arecord output
!!-----
```

APLAY

```
**** List of PLAYBACK Hardware Devices ****
card 0: A5451 [ALI 5451], device 0: ALI 5451 [ALI 5451]
  Subdevices: 32/32
    Subdevice #0: subdevice #0
    Subdevice #1: subdevice #1
    Subdevice #2: subdevice #2
    Subdevice #3: subdevice #3
    Subdevice #4: subdevice #4
    Subdevice #5: subdevice #5
    Subdevice #6: subdevice #6
    Subdevice #7: subdevice #7
    Subdevice #8: subdevice #8
    Subdevice #9: subdevice #9
    Subdevice #10: subdevice #10
    Subdevice #11: subdevice #11
    Subdevice #12: subdevice #12
    Subdevice #13: subdevice #13
    Subdevice #14: subdevice #14
    Subdevice #15: subdevice #15
    Subdevice #16: subdevice #16
    Subdevice #17: subdevice #17
    Subdevice #18: subdevice #18
    Subdevice #19: subdevice #19
    Subdevice #20: subdevice #20
    Subdevice #21: subdevice #21
    Subdevice #22: subdevice #22
    Subdevice #23: subdevice #23
    Subdevice #24: subdevice #24
    Subdevice #25: subdevice #25
    Subdevice #26: subdevice #26
    Subdevice #27: subdevice #27
    Subdevice #28: subdevice #28
    Subdevice #29: subdevice #29
    Subdevice #30: subdevice #30
    Subdevice #31: subdevice #31
```

ARECORD

```
**** List of CAPTURE Hardware Devices ****
```

card 0: A5451 [ALI 5451], device 0: ALI 5451 [ALI 5451]
Subdevices: 1/1
Subdevice #0: subdevice #0

!!Amixer output
!!-----

!!-----Mixer controls for card 0 [A5451]

Card hw:0 'A5451'/'ALI 5451 at 0x1000, irq 5'

Mixer name : 'Conexant Cx20468 rev 1,Conexant Cx20468 rev 1'
Components : 'AC97a:43585429 AC97m:43585429'
Controls : 25
Simple ctrls : 18

Simple mixer control 'Master',0

Capabilities: pvolume pswitch pswitch-joined
Playback channels: Front Left - Front Right
Limits: Playback 0 - 31
Mono:

Front Left: Playback 23 [74%] [-12.00dB] [on]
Front Right: Playback 23 [74%] [-12.00dB] [on]

Simple mixer control 'Headphone',0

Capabilities: pvolume pswitch pswitch-joined
Playback channels: Front Left - Front Right
Limits: Playback 0 - 31
Mono:

Front Left: Playback 23 [74%] [-12.00dB] [on]
Front Right: Playback 23 [74%] [-12.00dB] [on]

Simple mixer control 'PCM',0

Capabilities: pvolume pswitch pswitch-joined
Playback channels: Front Left - Front Right
Limits: Playback 0 - 31
Mono:

Front Left: Playback 20 [65%] [-4.50dB] [on]
Front Right: Playback 20 [65%] [-4.50dB] [on]

Simple mixer control 'Line',0

Capabilities: pvolume pswitch pswitch-joined cswitch cswitch-exclusive
Capture exclusive group: 0
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: Playback 0 - 31

Front Left: Playback 28 [90%] [7.50dB] [on] Capture [off]
Front Right: Playback 28 [90%] [7.50dB] [on] Capture [off]

Simple mixer control 'CD',0

Capabilities: pvolume pswitch pswitch-joined cswitch cswitch-exclusive
Capture exclusive group: 0
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: Playback 0 - 31

Front Left: Playback 20 [65%] [-4.50dB] [on] Capture [off]
Front Right: Playback 20 [65%] [-4.50dB] [on] Capture [on]

Simple mixer control 'Mic',0

Capabilities: pvolume pvolume-joined pswitch pswitch-joined cswitch cswitch-exclusive

Capture exclusive group: 0
Playback channels: Mono
Capture channels: Front Left - Front Right
Limits: Playback 0 - 31
Mono: Playback 28 [90%] [7.50dB] [on]

Front Left: Capture [on]
Front Right: Capture [off]
Simple mixer control 'Mic Boost (+20dB)',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Video',0
Capabilities: cswitch cswitch-exclusive
Capture exclusive group: 0
Capture channels: Front Left - Front Right
Front Left: Capture [off]
Front Right: Capture [off]
Simple mixer control 'Phone',0
Capabilities: cswitch cswitch-exclusive
Capture exclusive group: 0
Capture channels: Front Left - Front Right
Front Left: Capture [off]
Front Right: Capture [off]
Simple mixer control 'IEC958',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'PC Speaker',0
Capabilities: pvolume pvolume-joined pswitch pswitch-joined
Playback channels: Mono
Limits: Playback 0 - 15
Mono: Playback 13 [87%] [-6.00dB] [on]
Simple mixer control 'Aux',0
Capabilities: cswitch cswitch-exclusive
Capture exclusive group: 0
Capture channels: Front Left - Front Right
Front Left: Capture [off]
Front Right: Capture [off]
Simple mixer control 'Capture',0
Capabilities: cvolume cswitch cswitch-joined
Capture channels: Front Left - Front Right
Limits: Capture 0 - 15
Front Left: Capture 4 [27%] [6.00dB] [on]
Front Right: Capture 4 [27%] [6.00dB] [on]
Simple mixer control 'Mix',0
Capabilities: cswitch cswitch-exclusive
Capture exclusive group: 0
Capture channels: Front Left - Front Right
Front Left: Capture [off]
Front Right: Capture [off]
Simple mixer control 'Mix Mono',0
Capabilities: cswitch cswitch-exclusive
Capture exclusive group: 0
Capture channels: Front Left - Front Right
Front Left: Capture [off]
Front Right: Capture [off]
Simple mixer control 'Caller ID',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'External Amplifier',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [on]

```
Simple mixer control 'Off-hook',0
  Capabilities: pswitch pswitch-joined
  Playback channels: Mono
  Mono: Playback [off]
```

```
!!Alsactl output
!!-----
```

```
--startcollapse--
state.A5451 {
  control.1 {
    comment.access 'read write'
    comment.type BOOLEAN
    comment.count 1
    iface MIXER
    name 'Master Playback Switch'
    value true
  }
  control.2 {
    comment.access 'read write'
    comment.type INTEGER
    comment.count 2
    comment.range '0 - 31'
    comment.dbmin -4650
    comment.dbmax 0
    iface MIXER
    name 'Master Playback Volume'
    value.0 23
    value.1 23
  }
  control.3 {
    comment.access 'read write'
    comment.type BOOLEAN
    comment.count 1
    iface MIXER
    name 'Headphone Playback Switch'
    value true
  }
  control.4 {
    comment.access 'read write'
    comment.type INTEGER
    comment.count 2
    comment.range '0 - 31'
    comment.dbmin -4650
    comment.dbmax 0
    iface MIXER
    name 'Headphone Playback Volume'
    value.0 23
    value.1 23
  }
  control.5 {
    comment.access 'read write'
    comment.type BOOLEAN
    comment.count 1
    iface MIXER
    name 'PC Speaker Playback Switch'
    value true
  }
}
```

```
control.6 {
    comment.access 'read write'
    comment.type INTEGER
    comment.count 1
    comment.range '0 - 15'
    comment.dbmin -4500
    comment.dbmax 0
    iface MIXER
    name 'PC Speaker Playback Volume'
    value 13
}
control.7 {
    comment.access 'read write'
    comment.type BOOLEAN
    comment.count 1
    iface MIXER
    name 'Mic Playback Switch'
    value true
}
control.8 {
    comment.access 'read write'
    comment.type INTEGER
    comment.count 1
    comment.range '0 - 31'
    comment.dbmin -3450
    comment.dbmax 1200
    iface MIXER
    name 'Mic Playback Volume'
    value 28
}
control.9 {
    comment.access 'read write'
    comment.type BOOLEAN
    comment.count 1
    iface MIXER
    name 'Mic Boost (+20dB)'
    value false
}
control.10 {
    comment.access 'read write'
    comment.type BOOLEAN
    comment.count 1
    iface MIXER
    name 'Line Playback Switch'
    value true
}
control.11 {
    comment.access 'read write'
    comment.type INTEGER
    comment.count 2
    comment.range '0 - 31'
    comment.dbmin -3450
    comment.dbmax 1200
    iface MIXER
    name 'Line Playback Volume'
    value.0 28
    value.1 28
}
control.12 {
```



```
        comment.access 'read write'
        comment.type BOOLEAN
        comment.count 1
        iface MIXER
        name 'CD Playback Switch'
        value true
    }
    control.13 {
        comment.access 'read write'
        comment.type INTEGER
        comment.count 2
        comment.range '0 - 31'
        comment.dbmin -3450
        comment.dbmax 1200
        iface MIXER
        name 'CD Playback Volume'
        value.0 20
        value.1 20
    }
    control.14 {
        comment.access 'read write'
        comment.type BOOLEAN
        comment.count 1
        iface MIXER
        name 'PCM Playback Switch'
        value true
    }
    control.15 {
        comment.access 'read write'
        comment.type INTEGER
        comment.count 2
        comment.range '0 - 31'
        comment.dbmin -3450
        comment.dbmax 1200
        iface MIXER
        name 'PCM Playback Volume'
        value.0 20
        value.1 20
    }
    control.16 {
        comment.access 'read write'
        comment.type ENUMERATED
        comment.count 2
        comment.item.0 Mic
        comment.item.1 CD
        comment.item.2 Video
        comment.item.3 Aux
        comment.item.4 Line
        comment.item.5 Mix
        comment.item.6 'Mix Mono'
        comment.item.7 Phone
        iface MIXER
        name 'Capture Source'
        value.0 Mic
        value.1 CD
    }
    control.17 {
        comment.access 'read write'
        comment.type BOOLEAN
```



```
        comment.count 1
        iface MIXER
        name 'IEC958 Playback Switch'
        value false
    }
    control.23 {
        comment.access 'read write'
        comment.type BOOLEAN
        comment.count 1
        iface MIXER
        name 'External Amplifier'
        value true
    }
    control.24 {
        comment.access 'read write'
        comment.type BOOLEAN
        comment.count 1
        iface MIXER
        name 'Off-hook Switch'
        value false
    }
    control.25 {
        comment.access 'read write'
        comment.type BOOLEAN
        comment.count 1
        iface MIXER
        name 'Caller ID Switch'
        value false
    }
}
--endcollapse--
```

```
!!All Loaded Modules
!!-----
```

```
Module
snd_pcm_oss
snd_mixer_oss
snd_ali5451
snd_ac97_codec
ac97_bus
snd_pcm
snd_timer
snd
snd_page_alloc
iptable_filter
ip_tables
ip6_tables
x_tables
raw
radeon
drm
af_packet
autofs4
microcode
cpufreq_conservative
cpufreq_userspace
cpufreq_powersave
```

nls_iso8859_1
nls_cp437
vfat
fat
fuse
loop
dm_mod
p4_clockmod
speedstep_lib
ppdev
pcmcia
firmware_class
parport_pc
rtc_cmos
parport
rtc_core
rtc_lib
i2c_ali1535
joydev
i2c_ali15x3
video
battery
shpchp
i2c_core
output
container
ac
ati_agp
yenta_socket
soundcore
sr_mod
natsemi
rsrc_nonstatic
button
agpgart
cdrom
alim1535_wdt
pci_hotplug
sg
pcmcia_core
usbhid
hid
ff_memless
sd_mod
ohci_hcd
usbcore
edd
ext3
mbcache
jbd
fan
pata_ali
libata
scsi_mod
dock
thermal
processor

!!ALSA/HDA dmesg
!!-----

cs: IO port probe 0xa00-0xaff: clean.

ALSA /usr/src/alsa/alsa-driver-1.0.17/pci/ac97/ac97_codec.c:2062: AC'97 1 does not respond - RESET

ALSA /usr/src/alsa/alsa-driver-1.0.17/pci/ac97/ac97_codec.c:2071: AC'97 1 access is not valid [0xffffffff], removing mixer.

ALSA /usr/src/alsa/alsa-driver-1.0.17/pci/ali5451/ali5451.c:1927: ali mixer 1 creating error.

p4-clockmod: P4/Xeon(TM) CPU On-Demand Clock Modulation available

--

ACPI: PCI Interrupt 0000:00:06.0[A] -> Link [LNK7] -> GSI 5 (level, low) -> IRQ 5

ALSA /usr/src/alsa/alsa-driver-1.0.17/pci/ac97/ac97_codec.c:2062: AC'97 1 does not respond - RESET

ALSA /usr/src/alsa/alsa-driver-1.0.17/pci/ac97/ac97_codec.c:2071: AC'97 1 access is not valid [0xffffffff], removing mixer.

ALSA /usr/src/alsa/alsa-driver-1.0.17/pci/ali5451/ali5451.c:1927: ali mixer 1 creating error.