

DAC

- [interesting](#)

```
aplay -v -D plughw:1,0 test192.wav
```

```
aplay -l [-L]
```

```
flac -d 01-Wednesday\ Night\ Prayer\ Meeting.flac -c | aplay --device=hw:1,0
```

```
cat /proc/asound/card1/pcm0p/sub0/*
```

```
pacmd list-sinks
```

```
pactl list short sinks
```

```
for card in `aplay -L | grep "CARD=DAC"`; do echo ./hw_params $card;  
./hw_params $card | grep Sample; sleep 1; done
```

E5

```
cat /proc/asound/card3/stream0  
Creative Technology Ltd Sound Blaster E5 at usb-0000:02:00.0-1.1.2, high  
speed : USB Audio
```

Playback:

Status: Stop

Interface 1

Altset 1

Format: S24_3LE

Channels: 2

Endpoint: 1 OUT (ASYNC)

Rates: 44100, 48000, 88200, 96000

Data packet interval: 500 us

REGA

Usando il comando `aplay -l` identificare la scheda con SPDIF, ad esempio `card1`

Trovare il nome della scheda

```
cat /proc/asound/card1/id  
...
```

Creare `~/asoundrc` mettendo al posto di `DAC` il nome trovato nel punto precedente

```
pcm.DAC {
    type hw
    card "DAC"
}

ctl.!default {
    type hw
    card "DAC"
}

pcm.!default {
    type plug
    slave {
        pcm "DAC"
        rate "unchanged"
    }
}
```

suonare con

```
aplay file
```

verificare con

```
watch cat /proc/asound/card1/pcm3p/sub0/hw_params
```

```
Burr-Brown from TI USB Audio DAC at usb-0000:02:00.0-1.1.4.4, full speed :
USB Audio
```

Playback:

```
Status: Stop
Interface 1
  Altset 1
  Format: S16_LE
  Channels: 2
  Endpoint: 2 OUT (ADAPTIVE)
  Rates: 32000, 44100, 48000
Interface 1
  Altset 2
  Format: S16_LE
  Channels: 1
  Endpoint: 2 OUT (ADAPTIVE)
  Rates: 32000, 44100, 48000
```

hifiberry

rasberry

/boot/config.txt

```
dtparam=i2c_arm=on
#dtparam=audio=on
dtoverlay=hifiberry-digi
```

/etc/asound.conf

```
pcm.!default {
    type hw card 0
}
ctl.!default {
    type hw card 0
}
```

From:
<https://wiki.csgalileo.org/> - **Galileo Labs**

Permanent link:
<https://wiki.csgalileo.org/tips/dac>

Last update: **2016/07/27 20:00**

