

Getting Radio/TV on Debian.

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2003-09/2537.html>

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To: debian-user@lists.debian.org

Having been given Radio/TV card and finding it is working, I have had no success so far installing it in my Debian m/c running Sid,currently uptodate.

The card is a Prolink Pixelview Play TV Pak modelPV–Bt878P+ Rev4E

From the cardlist No.50 an exact match

The tuner is an LG TPI8PSB02P Cardlist No.28

Inserting the bttv module using parameters indicated in the bttv

Documentation – card=50 tuner=28 radio=1 pll=0 –.

modconf produces

Installing module bttv. If the device isn't there, or isn't configured correctly, this could cause your system to pause for up to a minute.

i2c–algo–bit.o: i2c bit algorithm module

bttv: driver version 0.7.107 loaded

bttv: using 4 buffers with 2080k (8320k total) for capture

bttv: Host bridge is Silicon Integrated Systems [SiS] 745 Host

bttv: Bt8xx card found (0).

PCI: Found IRQ 5 for device 00:0a.0

PCI: Sharing IRQ 5 with 00:0a.1

bttv0: Bt878 (rev 17) at 00:0a.0, irq: 5, latency: 32, mmio: 0xfb000000

bttv0: using: BT878(Prolink PV–BT878P+4E /) [card=50,insmod option]

i2c–core.o: adapter bt848 #0 registered as adapter 0.

bttv0: using tuner=28

bttv0: i2c: checking for Bt832 @ 0x88... not found

bttv0: i2c: checking for Bt832 @ 0x8a... not found

bttv0: i2c: checking for TDA9875 @ 0xb0... not found

bttv0: i2c: checking for TDA7432 @ 0x8a... not found

i2c–core.o: driver i2c TV tuner driver registered.

tuner: chip found @ 0xc2

tuner: type set to 28 (LG PAL_BG+FM (TPI8PSB01D))

i2c–core.o: client [LG PAL_BG+FM (TPI8PSB01D)] registered to adapter [bt848 #0](pos. 0).

bttv0: registered device video0

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bttv0: registered device vbi0
bttv0: registered device radio0
Using /lib/modules/2.4.22/kernel/drivers/media/video/tuner.o
insmod: a module named tuner already exists
/lib/modules/2.4.22/kernel/drivers/media/video/bttv.o: post–install bttv
failed
/lib/modules/2.4.22/kernel/drivers/media/video/bttv.o: insmod bttv failed
```

Installation failed.

Prior to running modconf there was no tuner module installed

After running modconf.

```
-----
root@belle:~# lsmod
Module Size Used by Not tainted
tuner 10664 1 (autoclean)
bttv 95200 0 (unused)
i2c–algo–bit 7432 1 [bttv]
apm 9988 0 (autoclean)
nls_iso8859–1 2876 1 (autoclean)
nls_cp437 4380 1 (autoclean)
tvaudio 14056 0 (unused)
es1371 26156 1
ac97_codec 13428 0 [es1371]
soundcore 3844 4 [bttv es1371]
vga16fb 9952 0 (unused)
fbcon–vga–planes 3240 0 [vga16fb]
8139too 14952 1
mii 2464 0 [8139too]
crc32 2880 0 [8139too]
smbfs 38704 0 (unused)
nfsd 72816 0 (unused)
nfs 71036 0 (unused)
lockd 50896 0 [nfsd nfs]
sunrpc 67840 0 [nfsd nfs lockd]
lp 6144 0
rtc 6792 0 (autoclean)
```

So insmod failed but the modules were inserted anyway?
Something seems broken or badly bent.

Running lspci

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root@belle:~# lspci
00:00.0 Host bridge: Silicon Integrated Systems [SiS] 745 Host (rev 01)
00:01.0 PCI bridge: Silicon Integrated Systems [SiS] SiS 530 Virtual
PCI–to–PCI bridge (AGP)
00:02.0 ISA bridge: Silicon Integrated Systems [SiS] SiS85C503/5513 (LPC
Bridge)
```

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00:02.2 USB Controller: Silicon Integrated Systems [SiS] SiS7001 USB
Controller (rev 07)
00:02.3 USB Controller: Silicon Integrated Systems [SiS] SiS7001 USB
Controller (rev 07)
00:02.5 IDE interface: Silicon Integrated Systems [SiS] 5513 [IDE] (rev d0)
00:09.0 Multimedia audio controller: Ensoniq 5880 AudioPCI (rev 02)
00:0a.0 Multimedia video controller: Brooktree Corporation Bt878 Video
Capture (rev 11)
00:0a.1 Multimedia controller: Brooktree Corporation Bt878 Audio Capture
(rev 11)
00:0c.0 Ethernet controller: Realtek Semiconductor Co., Ltd.
RTL–8139/8139C/8139C+ (rev 10)
01:00.0 VGA compatible controller: nVidia Corporation NV5M64 [RIVA TNT2
Model 64/Model 64 Pro] (rev 15)

In any event neither the 'radio' app. from xawtv or 'gradio', GtK app can
detect transmissions. xawtv can only see noise.

The card works fine on radio on win98 temporarily installed on another
partition on the same drive. Tv only shows noise there also tho' I have not
tried to tweak anything there . Not really interested enough.

If anyone is successfully using this card on Debian I would be very grateful
to hear from them.

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Cheers
Russ.

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