

LinHES - Bug # 370: Plextor Convex USB MP4 recorder not working.

Status:	Closed	Priority:	Normal
Author:	goofee	Category:	Packages: Core
Created:	06/02/2009	Assignee:	mihanson
Updated:	03/26/2010	Due date:	
Description:	I tried installing with it connected and connecting it after install. Device is not recognized. <code>\$ lsusb grep Plextor</code> Bus 001 Device 004: ID 093b:a002 Plextor Corp. ConvertX M402U XLOADER <code>\$ lsmod grep go7007</code> <code>\$ dmesg</code> usb 1-8: new high speed USB device using ehci_hcd and address 5 usb 1-8: configuration #1 chosen from 1 choice <code></code></code>		

History

06/02/2009 02:28 am - goofee

so here's how I got it to work. At first I tried just copying the firmware and the udev rules as much of the stuff was already there but I kept getting errors.

```
<code> go7007: probing for module wis-saa7115 failed</code>
```

A quick 'make install' seemed to make it all work. I tried a few different versions of the driver but that's the only one that I could make without errors.

```
<code>$ sudo pacman -S fxload
```

```
echo 'usbfs /proc/bus/usb usbfs devmode=0666 0 0' >> /etc/fstab #stolen from R5.5 fstab - may not be optimal
```

```
$ sudo mount -a
```

```
wget http://go7007.imploder.org/wp-content/uploads/2009/02/wis-go7007-linux-098-3tar.bz2
```

```
tar xf wis-go7007-linux-098-3tar.bz2
```

```
cd wis-go7007-linux-0.9.8-3/
```

```
$ make
```

```
$ sudo make install</code>
```

```
<code>$ lsusb | grep Plextor
```

```
Bus 001 Device 007: ID 093b:a102 Plextor Corp. ConvertX M402U A/V Capture
```

```
$ lsmod | grep go7007
```

```
go7007_usb          14340  0
```

```
go7007              55940  1 go7007_usb
```

```
snd_pcm             70020  4 go7007,snd_pcm_oss,snd_intel8x0,snd_ac97_codec
```

```
snd                  50852  10
```

```
go7007,snd_seq_oss,snd_seq,snd_seq_device,snd_pcm_oss,snd_mixer_oss,snd_intel8x0,snd_ac97_codec,snd_pcm,snd_timer
```

```
usbcore             136976  6 go7007_usb,usb_storage,usbhid,uhci_hcd,ehci_hcd
```

```
videodev            34176  2 go7007,cx88xx
```

```
i2c_core            22804  26
```

```
go7007_usb,go7007,i2c_i801,cx88_vp3054_i2c,mt352,cx88xx,i2c_algo_bit,tveeprom,tuner_xc2028,s5h1409,xc5000,dvb_pll,s5h1411,or51132,cx24116,nxt200x,isl6421,stb6000,tda9887,tuner_simple,zl10353,cx24123,lgt330x,stv0299,stv0288,cx22702
```

```
$dmesg
```

```
usb 1-8: new high speed USB device using ehci_hcd and address 19
```

```
usb 1-8: configuration #1 chosen from 1 choice
```

```
go7007-usb: probing new GO7007 USB board
```

```
go7007 1-8:1.0: firmware: requesting go7007fw.bin
go7007: registering new Plextor PX-M402U
snd_go7007: exports duplicate symbol go7007_snd_remove (owned by go7007)
wis-saa7115: initializing SAA7115 at address 32 on WIS GO7007SB
go7007: unsupported ioctl -2143521279
go7007 1-8:1.0: firmware: requesting go7007tv.bin
go7007 1-8:1.0: firmware: requesting go7007fw.bin</code>
```

On a side note...

if you uncomment line 863 from libs/libmythtv/recordingprofile.cpp

```
<code>codecName->addSelection("MPEG-2");</code>
```

it would allow you to record using the Plextor's hardware mpeg2 encoder.

[[<http://www.mail-archive.com/mythtv-dev@mythtv.org/msg09891.html>]]

06/06/2009 12:58 am - cecil

We do have a package for the plextor it is, plextor-convertX-driver. Can you please try it? If it works, I'll go the extra step and patch MythTV for MPEG2.

06/06/2009 05:20 pm - goofee

I did a fresh install.

```
<code>$ sudo pacman -S plextor-convertX-driver
resolving dependencies...
looking for inter-conflicts...
```

Targets (2): fxload-2002_04_11-4 plextor-convertX-driver-0.9.8-4

Total Download Size: 0.14 MB

Total Installed Size: 0.58 MB

Proceed with installation? [Y/n] y

:: Retrieving packages from core-testing...

fxload-2002_04_11-4... 12.5K 32.9K/s 00:00:00 [#####] 100%

plextor-convertX-dr... 127.2K 137.9K/s 00:00:01 [#####] 100%

checking package integrity...

(2/2) checking for file conflicts [#####] 100%

error: could not prepare transaction

error: failed to commit transaction (conflicting files)

plextor-convertX-driver: /usr/sbin exists in filesystem

Errors occurred, no packages were upgraded.</code>

I opened up the tarball and found that 'usr/sbin/go7007_firmware_load' was actually saved as 'usr/sbin' causing the package not to install. I fixed that and manually extracted the archive to the proper directories. I still had to edit fstab to mount usbfs in order for fxload to work.

I still have errors in dmesg.

```
<code>go7007: module is from the staging directory, the quality is unknown, you have been warned.
go7007_usb: module is from the staging directory, the quality is unknown, you have been warned.
go7007-usb: probing new GO7007 USB board
go7007 1-8:1.0: firmware: requesting go7007fw.bin
go7007: registering new Plextor PX-M402U
go7007: probing for module wis-saa7115 failed<6>usbcore: registered new interface driver go7007
```

go7007: unsupported ioctl -2143521279</code>

The device shows up in mythtv-setup, but live tv is black for about 30 seconds and then back to main menu.

06/06/2009 05:34 pm - cecil

sudo pacman -S plexor-convertX-driver as you compiled from source. Please investigate the logs for the black screen issue.

06/06/2009 08:58 pm - goofee

-6 installed perfectly on a fresh install. Connect device<code>ERROR: Make sure usbfs|usbdevfs is mounted on /proc/bus/usb</code>
Add line to fstab. Reconnect device. Recordings/livetv work fine.

03/26/2010 02:56 pm - mihanson

- Status changed from New to In Progress

- Target version set to 6.03.00

- Category set to Packages: Core

- Assignee changed from cecil to mihanson

03/26/2010 02:58 pm - mihanson

- % Done changed from 0 to 100

- Status changed from In Progress to Closed

Applied in changeset commit:"958fa9a20f45a187e01a63544be5594ee389cffe".