

FIRESTATION

Installation Help Guide for Windows XP Users

If the Firestation's drivers do not install correctly on the first try don't worry, simply review your steps and determine where the install stopped. Here are a few things to help you better understand the install and set-up of the Firestation. Please don't panic if you see window message boxes popping up about the drivers not digitally signed and any other default window error boxes. When this happens, simply choose continue anyway and keep moving along. If you still have problems please contact tech support @

WWW.PRESONUS.COM

E-MAIL: FSTECH@PRESONUS.COM

PHONE NUMBER: 1-800-750-0323

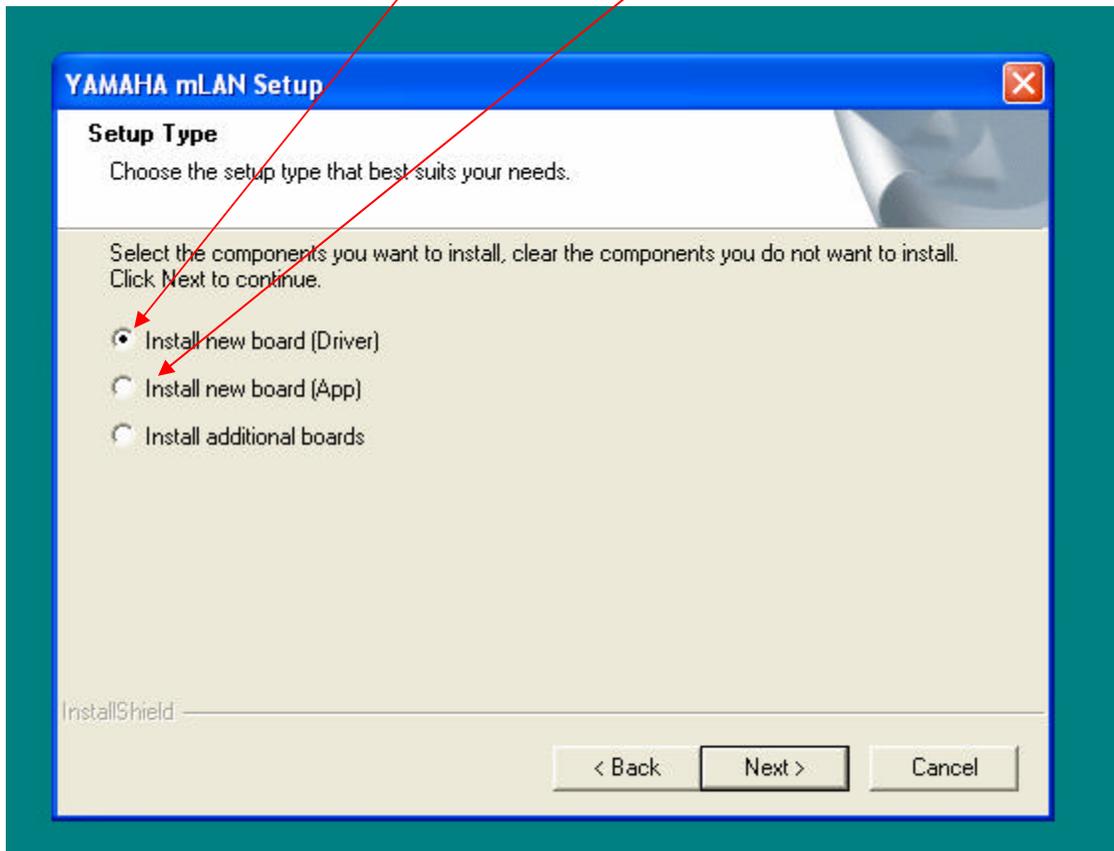
INTERNATIONAL: (225)216-7887

EXT: 110

(Note)

After the first installation if you need to re-install again it is ok to keep the Firewire connected to the Firestation.

1) Did you install both sections ????
(DRIVER) and (APP)



2) Remember windows XP has to be told where to find all the drivers for the firestation. When asked always select:

C: \ WINDOWS \ SYSTEM 32 \ DRIVERS

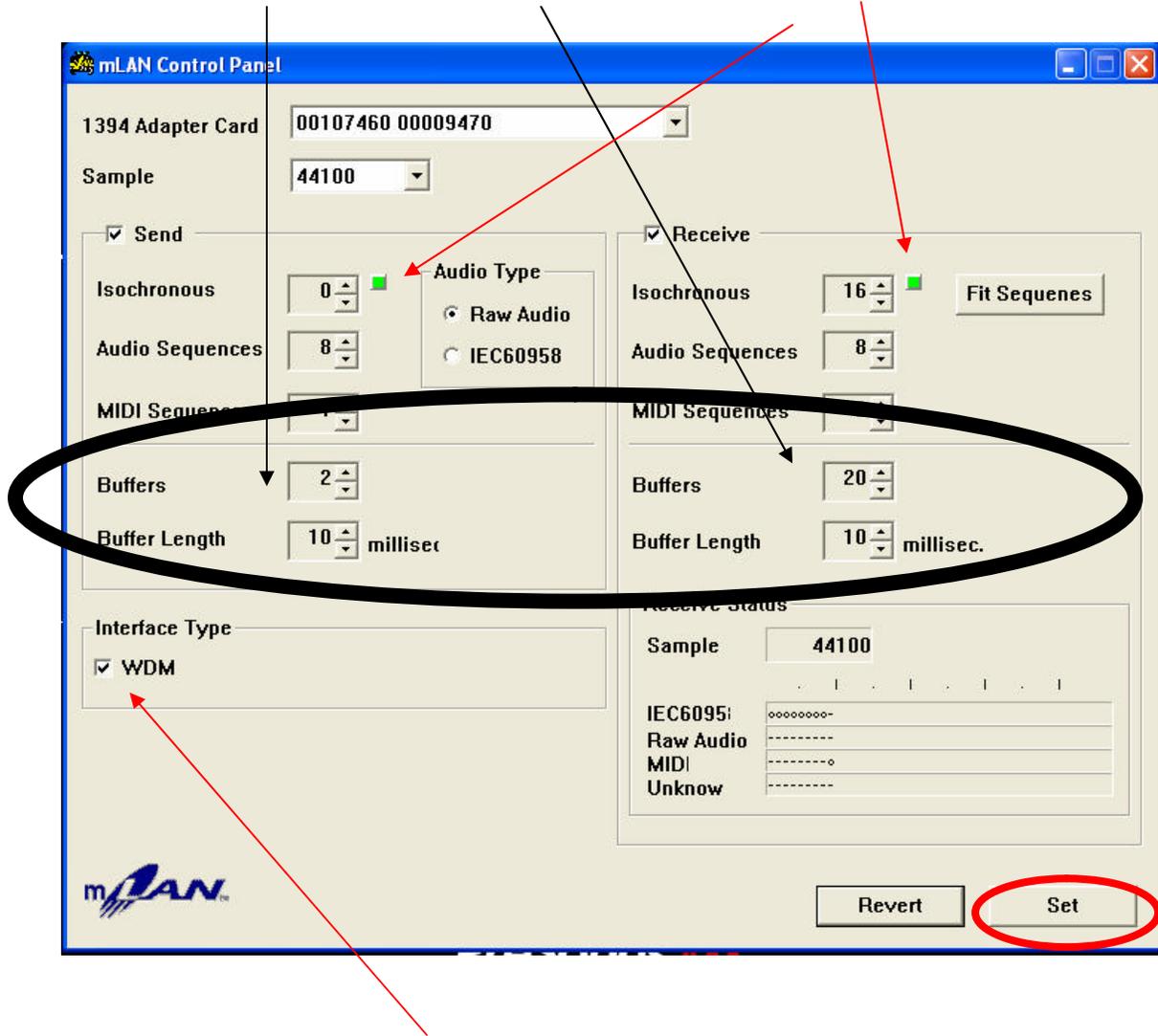
3) Found new hardware should have loaded at least 4 times, this is what it will install :

- 1) YAMAHA MLAN BUSS
- 2) YAMAHA MLAN MIDI INPUT 1
- 3) YAMAHA MLAN MIDI INPUT 2
- 4) YAMAHA MLAN MIDI OUT

MLAN CONTROL PANEL

BUFFER SETTINGS SECTION

STATUS LIGHTS



Put a check in this box then click set. This will launch the *found new hardware* loader. Next, install the **wdm** or **yamaha audio port 01** drivers.

The drivers are in:

C:\WINDOWS\SYSTEM32\DRIVERS

4) Once you have installed both sections of the cd installer open the mlan control panel. The control panel is in the folder mlan tools. You might want to create a shortcut on your desktop to this panel. This panel allows you to adjust your buffer settings and switch between wdm driver mode and asio driver mode. Initially these 2 settings are the only settings you need to adjust. Do not change any other sections of this panel. Always remember: anytime you switch the driver mode or change the buffer setting you must click the set button on the bottom right of this panel.

(Note) IF YOU CANNOT SEE THE REVERT-SET BUTTON, YOU MUST CHANGE YOUR MONITOR VIEWING PROPERTIES OR AUTO-HIDE YOUR TASK BAR

5) When there is a check in the wdm box you are running in wdm mode. If there isn't a check in the box you are in asio mode.

6) Always check to make sure both status lights are bright green. If both sides are not bright green go back to the patch bay section and click apply.

7) The control panel and the patch bay don't have to be open when running your recording software. It is ok to close them.

MLAN PATCHBAY

ALWAYS CLICK APPLY AFTER MAKING ANY CHANGES OR OPENING FOR THE FIRST TIME.

THE APPLY BUTTON APPLIES ALL SECTIONS AUDIO--- MIDI ----WCLK

CORRECT CONNECTIONS

Untitled - mLAN Patchbay

File(F) Edit(E) View(V) Option(O) Help(H)

Audio MIDI WCLK

Update Apply Vender Module Nickname Plug Name Format

From					To				
Vender	Module	Nickname	Plug Name	Format	Vender	Module	Nickname	Plug Name	Format
YAMAHA	mLAN ...	WinDriver	Output 8	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 8	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 7	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 7	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 6	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 6	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 5	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 5	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 4	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 4	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 3	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 3	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 2	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 2	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 1	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 1	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 8	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 8	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 7	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 7	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 6	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 6	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 5	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 5	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 4	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 4	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 3	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 3	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 2	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 2	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 1	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 1	44.1kHz...

Untitled - mLAN Patchbay

File(F) Edit(E) View(V) Option(O) Help(H)

Audio MIDI WCLK

Update Apply Vender Module Nickname Plug Name Format

From					To				
Vender	Module	Nickname	Plug Name	Format	Vender	Module	Nickname	Plug Name	Format
YAMAHA	mLAN ...	WinDriver	Output 8	44.1kHz...	---	---	---	---	---
YAMAHA	mLAN ...	WinDriver	Output 7	44.1kHz...	---	---	---	---	---
YAMAHA	mLAN ...	WinDriver	Output 6	44.1kHz...	---	---	---	---	---
YAMAHA	mLAN ...	WinDriver	Output 5	44.1kHz...	---	---	---	---	---
YAMAHA	mLAN ...	WinDriver	Output 4	44.1kHz...	---	---	---	---	---
YAMAHA	mLAN ...	WinDriver	Output 3	44.1kHz...	---	---	---	---	---
YAMAHA	mLAN ...	WinDriver	Output 2	44.1kHz...	---	---	---	---	---
YAMAHA	mLAN ...	WinDriver	Output 1	44.1kHz...	---	---	---	---	---
PRESONUS	mLAN-F...	0570	Output 8	44.1kHz...	---	---	---	---	---
PRESONUS	mLAN-F...	0570	Output 7	44.1kHz...	---	---	---	---	---
PRESONUS	mLAN-F...	0570	Output 6	44.1kHz...	---	---	---	---	---
PRESONUS	mLAN-F...	0570	Output 5	44.1kHz...	---	---	---	---	---
PRESONUS	mLAN-F...	0570	Output 4	44.1kHz...	---	---	---	---	---
PRESONUS	mLAN-F...	0570	Output 3	44.1kHz...	---	---	---	---	---
PRESONUS	mLAN-F...	0570	Output 2	44.1kHz...	---	---	---	---	---
PRESONUS	mLAN-F...	0570	Output 1	44.1kHz...	---	---	---	---	---
---	---	---	---	---	YAMAHA	mLAN ...	WinDriver	Input 1	44.1kHz...
---	---	---	---	---	YAMAHA	mLAN ...	WinDriver	Input 2	44.1kHz...
---	---	---	---	---	YAMAHA	mLAN ...	WinDriver	Input 3	44.1kHz...
---	---	---	---	---	YAMAHA	mLAN ...	WinDriver	Input 4	44.1kHz...
---	---	---	---	---	YAMAHA	mLAN ...	WinDriver	Input 5	44.1kHz...
---	---	---	---	---	YAMAHA	mLAN ...	WinDriver	Input 6	44.1kHz...
---	---	---	---	---	YAMAHA	mLAN ...	WinDriver	Input 7	44.1kHz...
---	---	---	---	---	YAMAHA	mLAN ...	WinDriver	Input 8	44.1kHz...
---	---	---	---	---	PRESONUS	mLAN-F...	0570	Input 1	44.1kHz...
---	---	---	---	---	PRESONUS	mLAN-F...	0570	Input 2	44.1kHz...
---	---	---	---	---	PRESONUS	mLAN-F...	0570	Input 3	44.1kHz...
---	---	---	---	---	PRESONUS	mLAN-F...	0570	Input 4	44.1kHz...
---	---	---	---	---	PRESONUS	mLAN-F...	0570	Input 5	44.1kHz...
---	---	---	---	---	PRESONUS	mLAN-F...	0570	Input 6	44.1kHz...
---	---	---	---	---	PRESONUS	mLAN-F...	0570	Input 7	44.1kHz...
---	---	---	---	---	PRESONUS	mLAN-F...	0570	Input 8	44.1kHz...

NOT CONNECTED

9) The patch bay section is also in the mlan tools folders. This panel must be configured upon your first install of the Firestation. After this first set-up you need to save the set-up to the desktop.

(please see the steps on how to do this in our *faq*s.)

10) You must connect the audio, midi, and wclk sections.

11) There is a great quick key or shortcut to help you when making your connections.

CTRL + SHIFT AND RIGHT CLICK

By holding these two keys down continuously while right clicking on a name, all 8 inputs will connect together. This quick key will allow only the right choice to be highlighted. So don't worry; use this quick key, it will make connecting the patch bay a breeze.

12) When you boot your PC, always open your patch bay file and click apply. This must be done each time upon starting your session in order to launch the mlan system.

13) The following pictures will show you exactly how your patch bay should look in order to have the Firestation working 100%. The only difference is that each Firestation has it's own unique id number. Yours will not be 0570 like the one in this demonstration.

AUDIO SECTION (CONNECTED)

File(F) Edit(E) View(V) Option(O) Help(H)

Audio MIDI WCLK

Update Apply Vender Module Nickname Plug Name Format

From					To				
Vender	Module	Nickname	Plug Name	Format	Vender	Module	Nickname	Plug Name	Format
YAMAHA	mLAN ...	WinDriver	Output 8	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 8	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 7	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 7	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 6	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 6	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 5	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 5	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 4	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 4	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 3	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 3	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 2	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 2	44.1kHz...
YAMAHA	mLAN ...	WinDriver	Output 1	44.1kHz...	PRESONUS	mLAN-F...	0570	Input 1	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 8	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 8	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 7	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 7	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 6	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 6	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 5	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 5	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 4	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 4	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 3	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 3	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 2	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 2	44.1kHz...
PRESONUS	mLAN-F...	0570	Output 1	44.1kHz...	YAMAHA	mLAN ...	WinDriver	Input 1	44.1kHz...

MIDI SECTION (CONNECTED)

File(F) Edit(E) View(V) Option(O) Help(H)

Audio **MIDI** WCLK

Update Apply Vender Module Nickname Plug Name Format

From					To				
Vender	Module	Nickname	Plug Name	Format	Vender	Module	Nickname	Plug Name	Format
YAMAHA	mLAN ...	WinDriver	Output 1	MIDI	PRESONUS	mLAN-F...	0570	*OUT	MIDI
PRESONUS	mLAN-F...	0570	*IN	MIDI	YAMAHA	mLAN ...	WinDriver	Input 1	MIDI
---	---	---	---	---	YAMAHA	mLAN ...	WinDriver	Input 2	MIDI

WORD CLOCK SECTION (CONNECTED)

File(F) Edit(E) View(V) Option(O) Help(H)

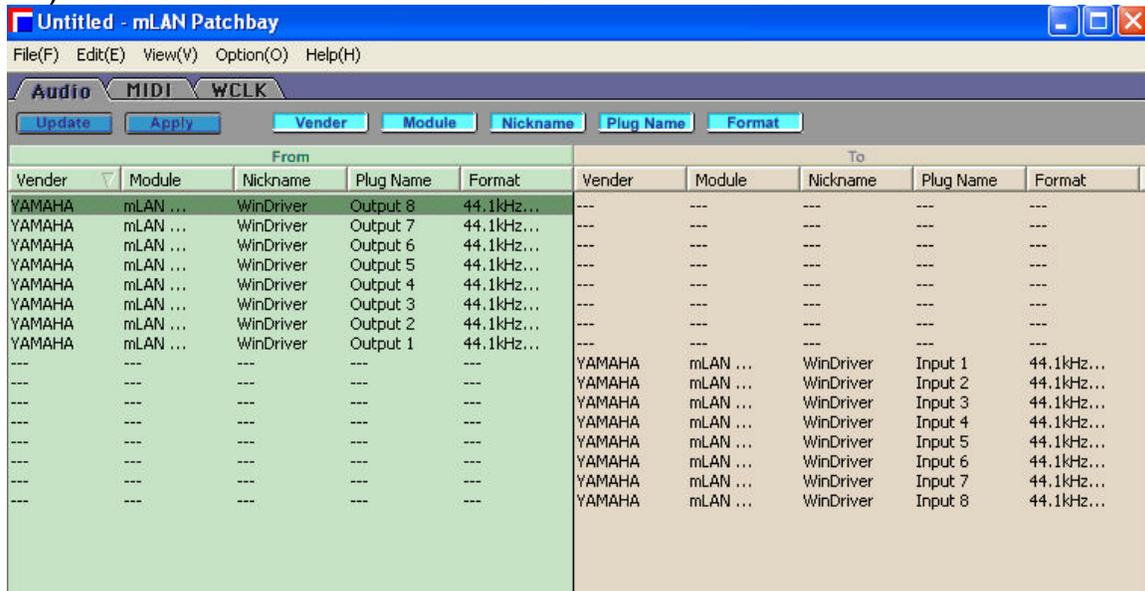
Audio MIDI **WCLK**

Update Apply Vender Module Nickname Plug Name Format

Master				Slave			
Vender	Module	Nickname	Status	Vender	Module	Nickname	Status
44	YAMAHA	mLAN WinDrv	WinDriver	PRESONUS	mLAN-FIRESTAT	0570	Auto Mode, 4...
	PRESONUS	mLAN-FIRESTAT	0570	---	---	---	---

ALWAYS CLICK APPLY BEFORE CLOSING

14) DOES YOUR PATCHBAY LOAD LIKE THIS? :



THIS INDICATES THAT THE MLAN SOFTWARE DOES NOT SEE YOUR FIRESTATION. TRY THESE STEPS TO FIX THE PROBLEM:

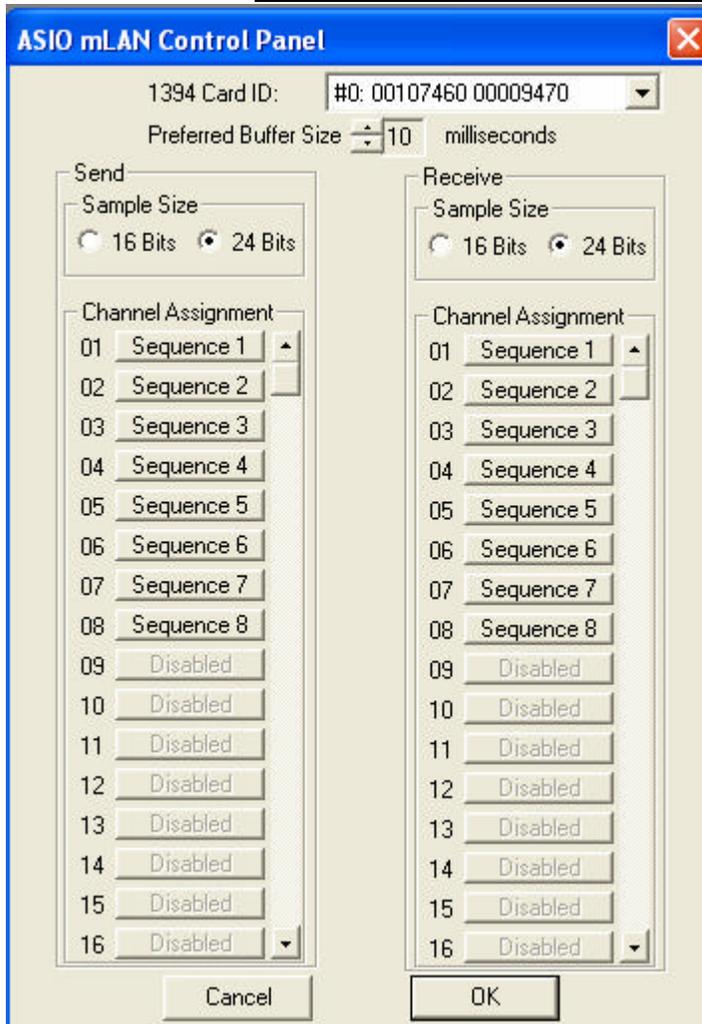
- 1) Try having the Firestation plugged into the Firewire port and turned on before booting your PC.
- 2) Try re-loading the drivers.
- 3) Check the device manger section of XP to see if the Firewire card is installed correctly and running with no errors.
- 4) Check for any irq conflicts with your Firewire card.

15) If your computer came with a 4 pin Firewire port it will still work with the Firestation.

However you must purchase a 4 pin to 6 pin Firewire cable.

16) Most Firewire cards on the market run with the Firestation. The 1 Firewire card we have found that doesn't work is the sound blaster audigy.

ASIO MLAN CONTROL PANEL



17) The mlan asio control panel is launched from inside of your asio based recording software. It controls the setting for your bit depth. It also has its own buffer section.

(please see buffer settings guide for more info)

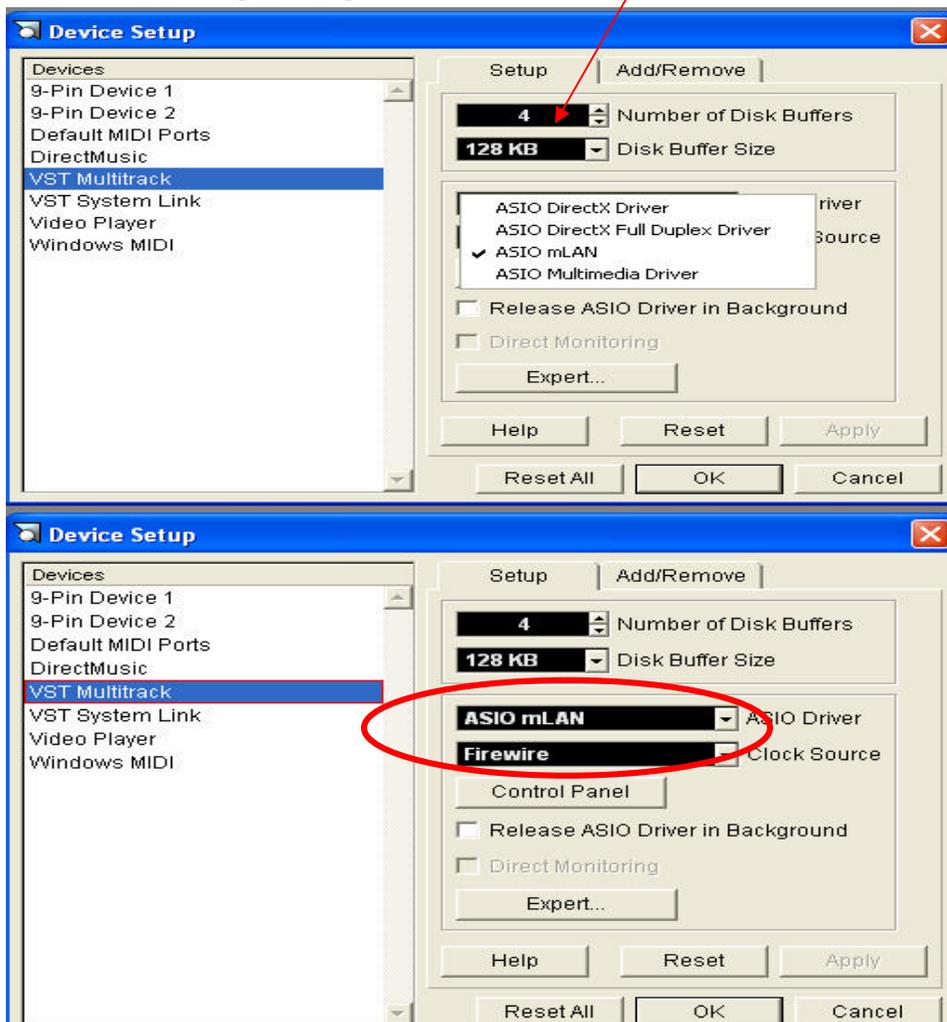
The asio drivers should install automatically. However, you must have an asio based recording program installed on your system before you install the Firestation's drivers. The asio driver will only appear when asio based software is present.

18) If you cannot find the asio mlan drivers in your asio based software then simply re-install the Firestation drivers from cd. There is

no need to un-install the old drivers and you can keep the Firestation plugged in to your PC. After you have re-installed, go to your mlan control panel. Put a check in the wdm box and click set. Next remove the check in the wdm box and click set again.

Last... launch the patch bay and load your patch bay file and click apply. Sometimes it also helps to make the connections again from the top instead of loading your preset file. After doing these steps your asio mlan driver should appear in the recording software.

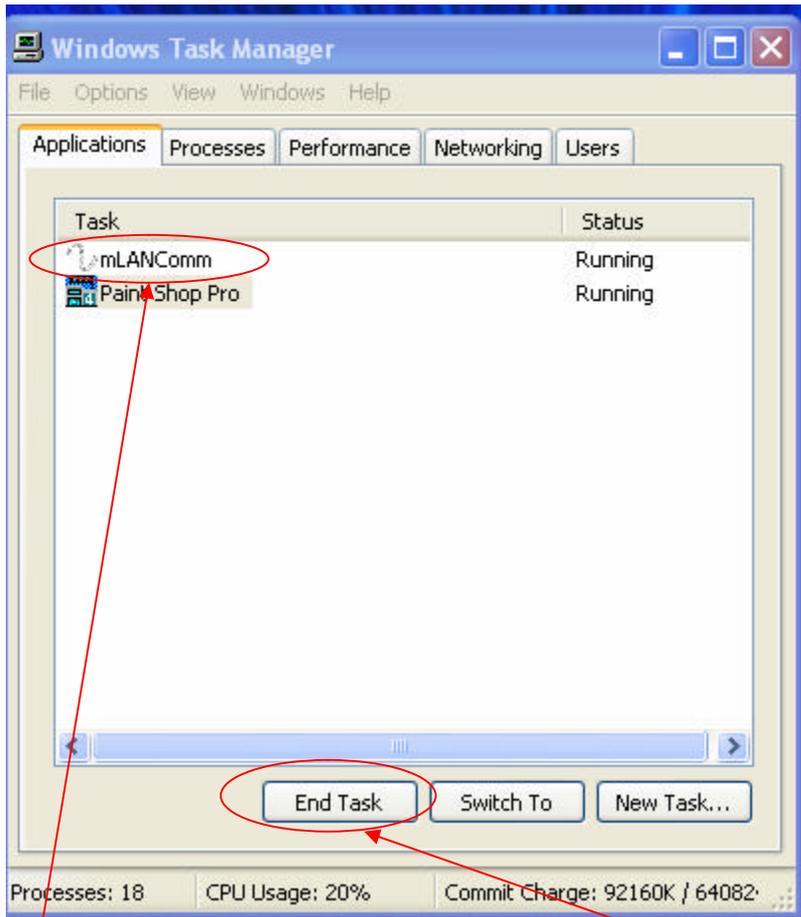
EXAMPLE: NUENDO



How to un-install the mlan drivers

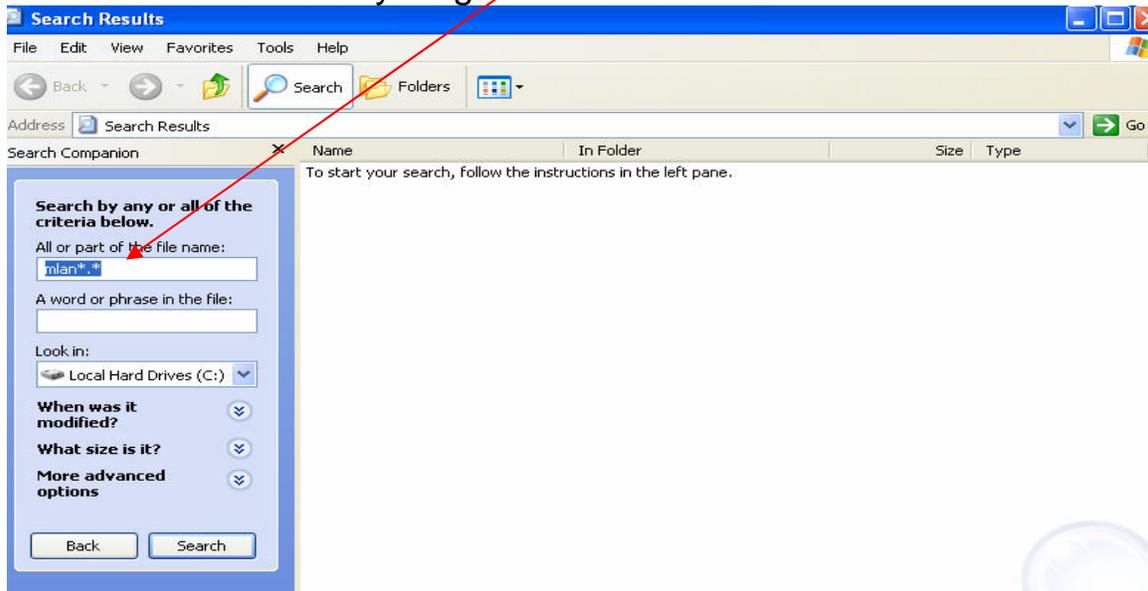
The drivers for the Firestation are not fully removed by running the un-install program from windows. There are 2 steps you must do after running the un-installer.

1) Press *ctrl – alt – delete* then choose *task list* from the option. Your screen should then look like this:



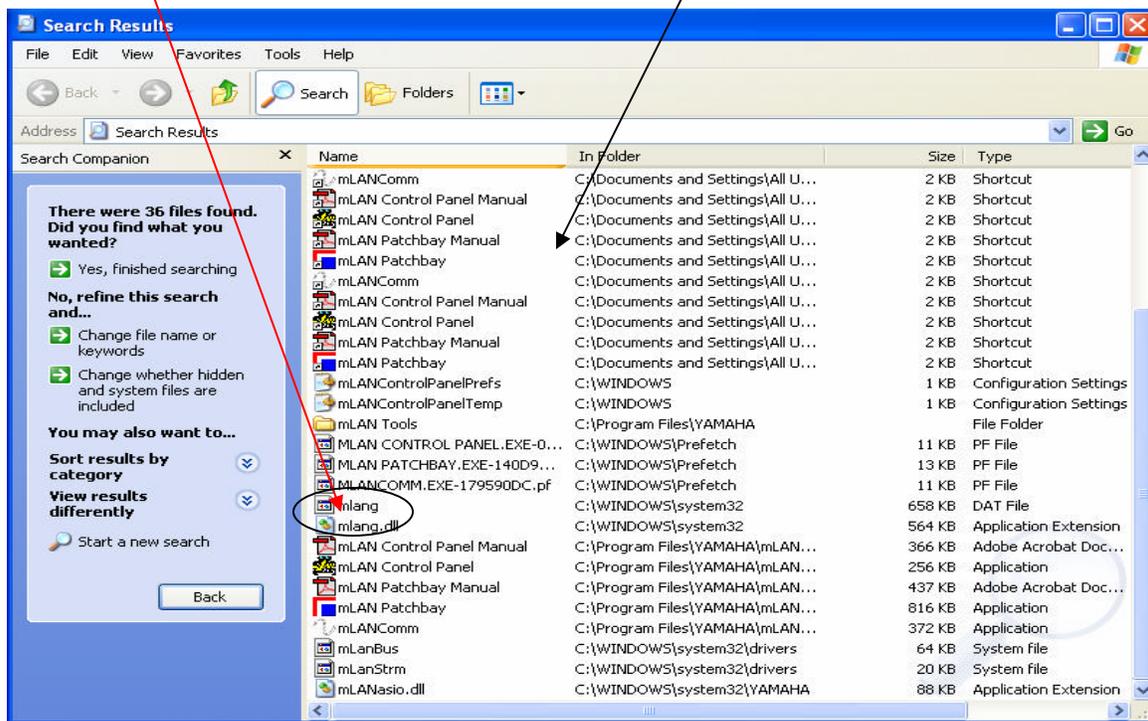
CHOOSE *MLANCOMM* AND THEN CLICK *END TASK*.

2) Click your *start* button and choose *search...* type: *mlan*.** This will search and find anything with the word *mlan*.



Once you have searched *mlan*, your results should look a little something like this. Delete everything that has *mlan* listed. Be careful not to delete files not worded as *mlan* such as:

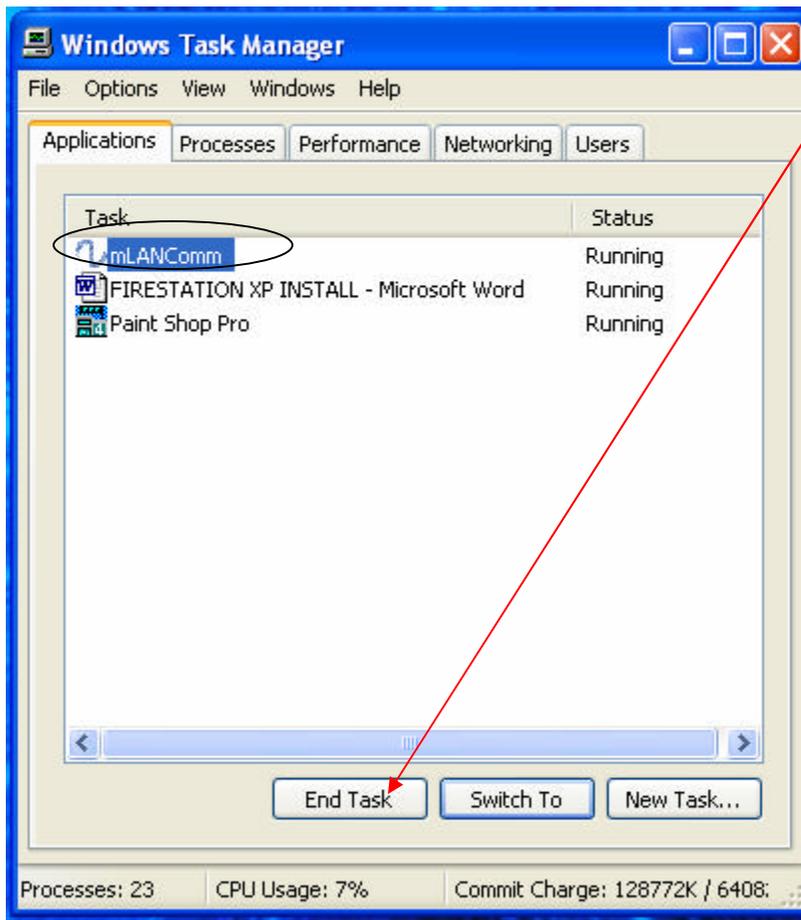
mlang



Once these steps are done empty your recycle bin. Shut down and re-boot your PC. Run the mlan*. * search again. No files should appear. Now the mlan drivers have been removed.

TIPS FOR Laptop Computer Users

If you use your laptop in a situation where the Firestation is not connected then you need to end the task: mLANcomm.



Press the ctrl + alt + del keys to open the task list menu. Highlight mLANcomm and click End task.