ADS Technologies Inc. Technical Support Dept. June 03, 2002

**Firmware Modification Procedure:** 

## WARNING:

- Make sure that other Firewire devices are not connected except for the Pyro Drive Kit (alone) that is experiencing the problem.
- Make sure that the PC is freshly booted.
- Changes on the firmware other than this instruction intend WILL VOID the warranty and may malfunction.

Before you start

- Please ensure that you have Winzip installed in your computer. The software is available for free from <a href="http://www.winzip.com">www.winzip.com</a>
- Make sure that other Firewire devices are not connected except for the Pyro Drive Kit (alone) that is experiencing the problem.

Installation:

Open the file Drive Kit Mod.zip and run "Setup.exe", proceed with the installation. After the installation restart the computer.

Starting and running the Application:

- Click on "Start" and click on "Run"
  - Type down "C:\Program Files\Oxford Semiconductor\OXFW900 Uploader " and press

OK

- On the new window, open the icon called "FWUpload" and you will see the window like the one below (fig1) and follow the instructions in the boxes which are in order.



NOTE: Disregard other info that you see in the pictures such as Firmware Rev, Flash Device, etc. it can be different as what you have or see.

See next page for further steps

a) Add a de herk mark stadiet, dick "OK"		Configuration ROM	Editor			
3) Add a check mark mark       Silve Configuration:       Import File.         Product ID:       1334 Storage+Repeater       Import File.         Product ID:       1334 Storage+Repeater       Import File.         Silve Configuration:       Save Default       Chick here         (Fig2)       Import File.       Save Default       Chick here         (Fig2)       Silve Configuration:       Save Default       Chick here         (Fig2)       Silve Configuration:       Save Default       Chick here         (Fig2)       Silve Configuration:       Save Default       Chick here         (Fig2)       Silve Device Type:       Advanced       Chick here         (Fig2)       Chick here       Chick here       Chick here         (Fig 2)       Chick here       Chick here       Chick her		ID / Version Information Chip ID: 01 1 Vendor ID: 0050C	1CD86 5 Hardware Version: 0500A	Upload Cancel		
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3.) Add a check mark next to "Detect drives with non-std. signature (Fig 3)		PIO 4	UDMA 4			
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See next page for further steps

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- ID / Version Info Chip ID:	Internation	Upload	
Vendor ID:	UU5UU5 Hardware Version:	LISUUA Cancel	
Common Text S	trings		
Manufacturer :	ADS Technologies, Inc.		
Hardware ID:	API-903-95		
– Master Configur	ation:		
Product ID:	1394 Storage+Repeater	Import File	
Master Device	Type: (unknown)	Save Defa	ult
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Product ID:	uration:		
Slave Device T	ype:		
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- when the upload is finished or the bottom of the screen s the application
  Turn off the Pyro Drive Kit from the power for 5 seconds
  After 5 seconds. Turn it back on
  Reconnect the firewire connect! a. When the upload is finished or the bottom of the screen says "Ready", disconnect the Pyro Drive Kit and close

- Reconnect the firewire connection. Upon reconnection, proceed now with your intended use of this drive kit as it should operate normally.

Issues/Notice:

- The Pyro Drive Mode selector may not show the vendor field correctly, this is normal after the firmware updater \_ is installed
- There is no need to use the Pyro Drive Mode selector to configure the Pyro Drive Kit that has a firmware dated October 2000 or later.
- Other modifications to the firmware than this document suggested will void warranty and may cause the drive kit to malfunction.