

HDPro2 Getting Started



Apple, Apple Logo, Mac, the Mac logo, FinalCut Pro, Macintosh, are trademarks of Apple Computer Inc. Microsoft, Windows and Windows Logos are registered trademarks or trademarks of Microsoft Corporation. All other trademarks are the property of their respective owners.

*Specifications and package contents are subject to change without notice.

for Mac



A. Quick Check

After opening the box please examine included materials. Your HDPro2 should consist of:

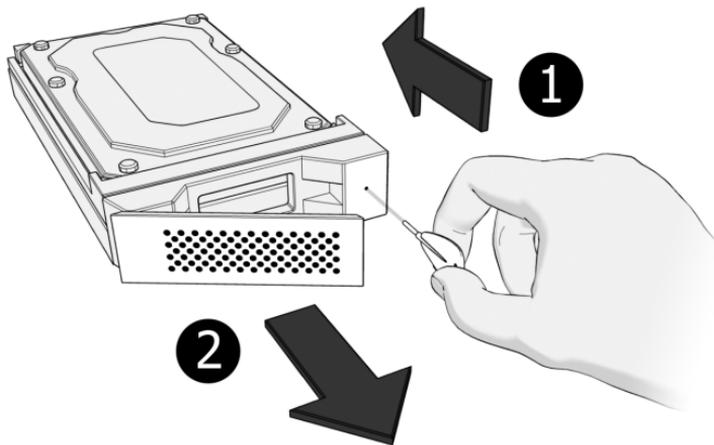
- HDPro2 Unit x1
- PCIe card x1
- PCI Express Cable x1
- Drive Modules x8
- Installation CD
- Power Cord x1



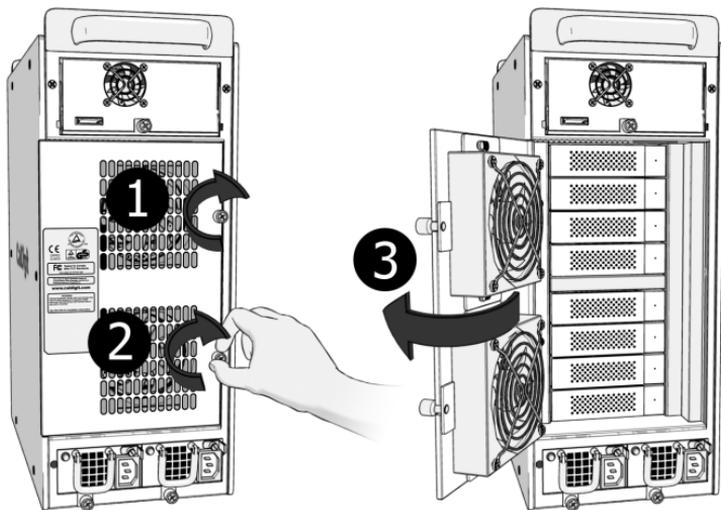
power cords x2 for dual powered unit.

B. Installing Drives

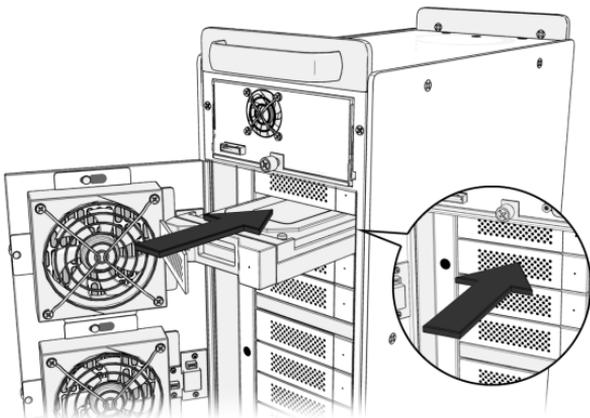
1. First pop open drive locking arms by pushing included key into the drive tray key slot, as shown below.



2. Open the back of the HDPro2 using the thumbscrews on the right side of the back door.

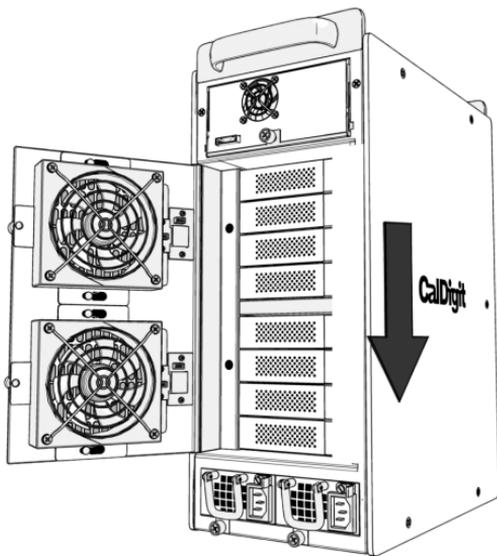


3. Start Sliding the drive into the unit, starting at the top. Drive should be slid in horizontally.

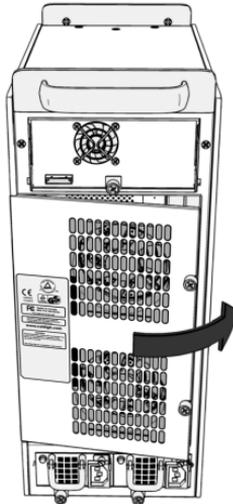


4. When the drive cannot be pushed in any further, push the drive-locking arm inwards until it clicks into place.

5. Top to bottom, use the same procedure to insert the remaining drives.

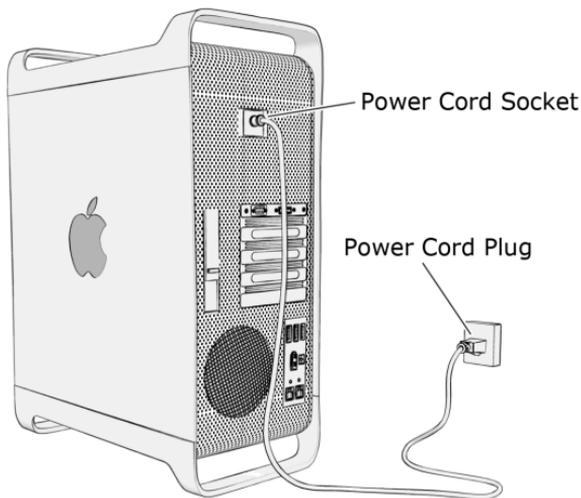


- When all the drives have been populated, check they are all flush, then use the thumbscrews to close the rear door.

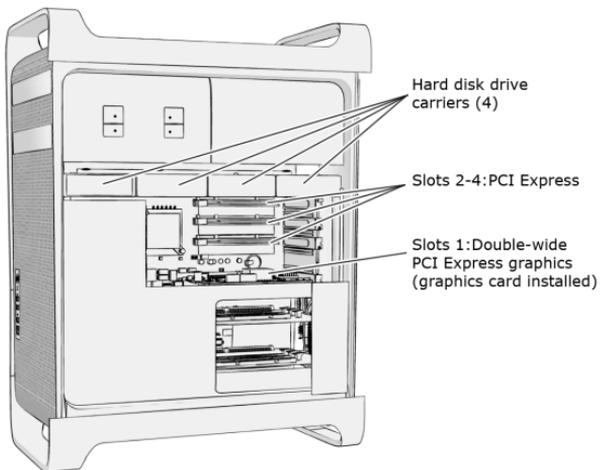


C. Installing the PCI card

1. Turn off your computer and unplug the AC power cord from wall or power bar.



2. Remove cover from computer.
3. Locate an available PCIe slot on the motherboard.



4. Always put the PCI card in Slot #3 or Slot #4 to obtain the optimal performance.

PLEASE NOTE:

If you have a MacPro Dual Core 2.0GHz; 2.66GHz; 3.0GHz or a MacPro Quad Core 3.0GHz and have an AJA or Blackmagic Design capture card installed on your computer, please follow these instructions:

Launch Expansion Slot Utility at the following path:
`/System/Library/CoreServices`



PCI card + AJA: CalDigit PCI card should be placed in slot #4 and AJA card should be placed in slot #3.

Expansion Slot Utility

Installed PCI Express Cards:

Current PCI Express Profile	Name	Status
4	No card detected	
3	Unknown Other Mass Storage Controller	Running below maximum speed
2	No card detected	
1	NVIDIA GeForce 7300 GT	Running at maximum speed

Alternate PCI Express Profiles:

- 4: x8, 3: x1, 2: x1, 1: x16
 x16 Lane Graphics Slot + One x8 Lane and Two x1 Lane Slots
 This configuration provides maximum bandwidth (x16 lanes) for graphics plus an x8 lane slot for one additional high-bandwidth card and two x1 lane slots.
- 4: x4, 3: x4, 2: x1, 1: x16
Slot #4 - CalDigit PCI Card
Slot #3 - AJA Card
 x16 Lane Graphics Slot + Two x4 Lane and One x1 Lane Slots
 This configuration provides maximum bandwidth (x16 lanes) for graphics plus two x4 lane slots for medium-bandwidth cards and a x1 lane slot.
- 4: x8, 3: x1, 2: x8, 1: x16
 Three x8 Lane + One x1 Lane Slots
 This configuration provides three x8 lane slots for graphics or high-bandwidth cards, and a x1 lane slot. This is a recommended profile for three graphics cards.
- 4: x4, 3: x4, 2: x8, 1: x16
 Two x8 Lane + Two x4 Lane Slots
 This configuration provides two x8 lane slots for graphics or high-bandwidth cards and two x4 lane slots for two medium-bandwidth cards.

Key:
 Running at maximum supported speed
 Running below maximum supported speed

Don't show this utility again

Quit Save and Restart...



PCI card + Blackmagic Design: CalDigit PCI card should be placed in slot #3 and Blackmagic Design card should be placed in slot #4.

Expansion Slot Utility

Installed PCI Express Cards:

Current PCI Express Profile	Name	Status
4	No card detected	
3	Unknown Other Mass Storage Controller	Running below maximum speed
2	No card detected	
1	NVIDIA GeForce 7300 GT	Running at maximum speed

Alternate PCI Express Profiles:

4: x16, x8, x1, x1
 This configuration provides maximum bandwidth (x16 lanes) for graphics plus an x8 lane slot for one additional high-bandwidth card and two x1 lane slots.

3: x16, x4, x8, x1
Slot #4 - Blackmagic Design Card
 This configuration provides maximum bandwidth (x16 lanes) for graphics plus two x4 lane slots for medium-bandwidth cards and a x1 lane slot.

2: x16, x4, x8, x1
Slot #3 - CalDigit PCI Card
 This configuration provides maximum bandwidth (x16 lanes) for graphics plus two x4 lane slots for medium-bandwidth cards and a x1 lane slot.

1: Three x8 Lane + One x1 Lane Slots
 This configuration provides three x8 lane slots for graphics or high-bandwidth cards, and a x1 lane slot. This is a recommended profile for three graphics cards.

0: Two x8 Lane + Two x4 Lane Slots
 This configuration provides two x8 lane slots for graphics or high-bandwidth cards and two x4 lane slots for two medium-bandwidth cards.

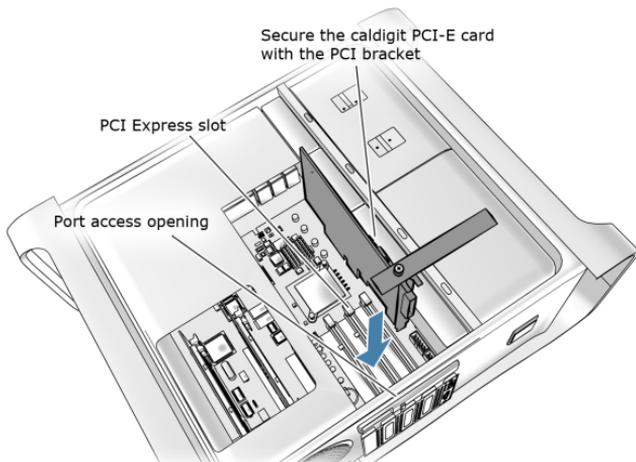
Key:

- Running at maximum supported speed
- Running below maximum supported speed

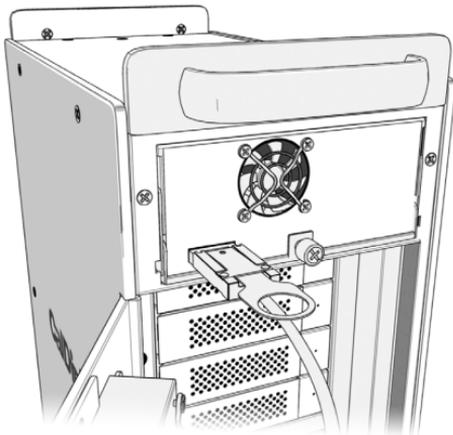
Don't show this utility again

Quit Save and Restart...

5. Hold the PCIe card firmly by the outside edge, push it into the slot, making sure the PCI connections fit outside the computer.



6. Attach PCI Express Cable from tower PCI connection to HDPro2.



D. Installing RAID Shield

1. Install the CalDigit Driver. Insert the provided CD into the computer, or for the latest driver, please go to <http://www.caldigit.com/support.asp>.
2. Press the power switch to turn on the HDPro2. It is important to remember that the HDPro2 should be turned on before you start up your computer.
3. When installation is complete, restart the computer.

4. Your drive will appear on your desktop.



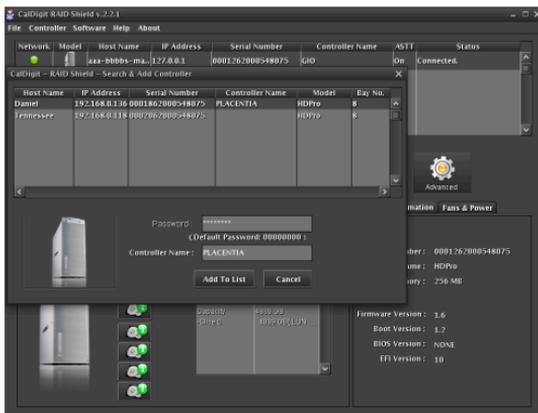
All HDPro2's are preconfigured in RAID 5 with Mac drive format.

Congratulations!

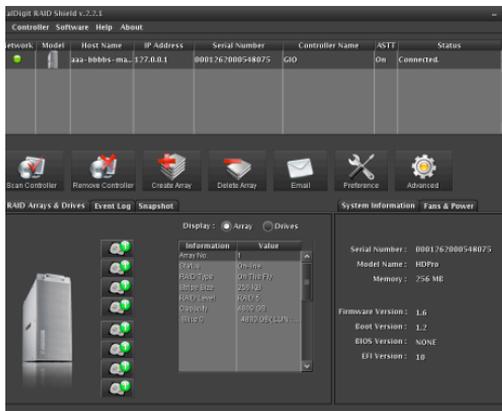
Your HDPro2 is ready to use. Please visit us at www.caldigit.com to register your product.

E. Using RAID Shield

1. Go to Applications / RAID Shield. Double-click "RAID Shield."
2. Click "Scan Controller". Select your HDPro2. Type in the new array name. Click "Add."



- Now RAID Shield is showing all the detailed information about this HDPro2.



The RAID Shield utility is a quick and easy way to check on the status of your HDPro2 but is not necessary for day to day use. If you've followed the steps outlined in this manual, your HDPro2 should be ready for use.

F. Shutting down the computer

When you want to shut down your HDPro2, please turn off your computer; wait 20 second then hold the power button for 2 seconds to power it down.

for Windows



A. Quick Check

After opening the box please examine included materials. Your HDPro2 should consist of:

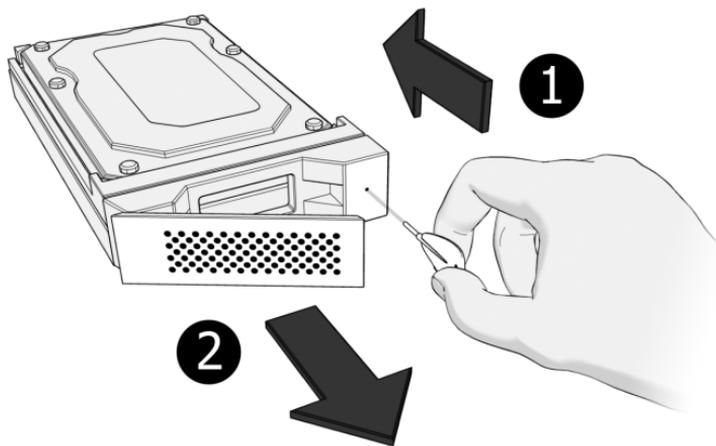
- HDPro2 Unit x1
- PCIe card x1
- PCI Express Cable x1
- Drive Modules x8
- Installation CD
- Power Cord x1



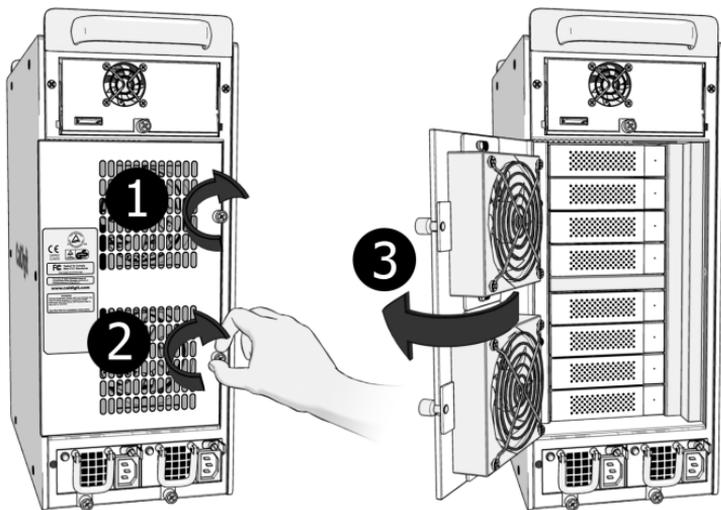
power cords x2 for dual powered unit.

B. Installing Drives

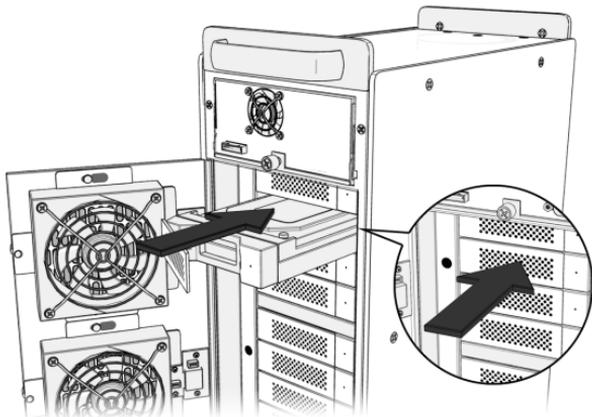
1. First pop open drive locking arms by pushing included key into the drive tray key slot, as shown below.



2. Open the back of the HDPro2 using the thumbscrews on the right side of the back door.

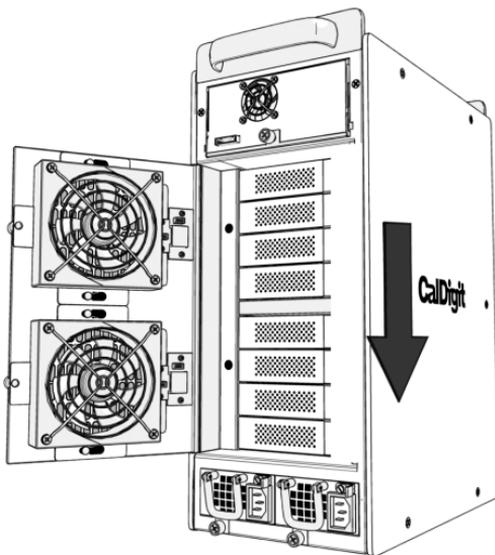


3. Start Sliding the drive into the unit, starting at the top. Drive should be slid in horizontally. When the drive cannot be pushed in any further, push the drive-locking arm inwards until it clicks into place.

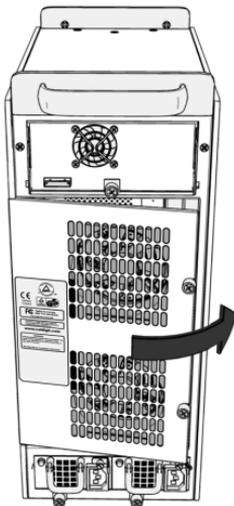


4. When the drive cannot be pushed in any further, push the drive-locking arm inwards until it clicks into place.

5. Top to bottom, use the same procedure to insert the remaining drives.

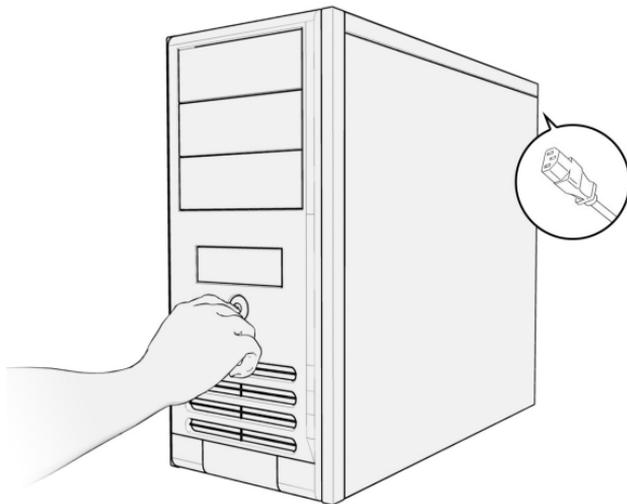


- When all drives have been populated, check they are all flush, then use the thumbscrews to close rear door.

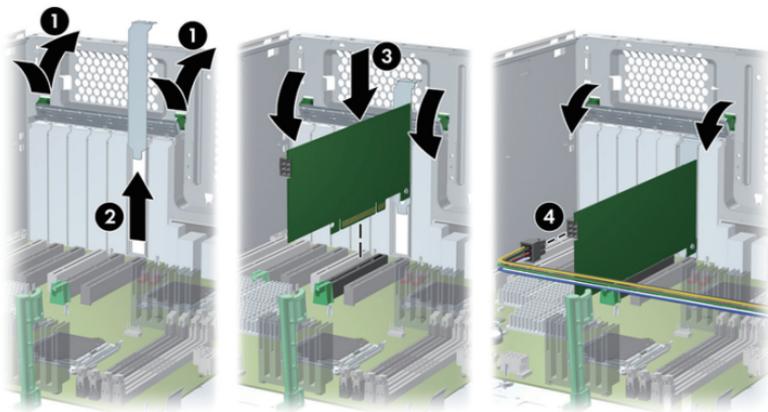


C. Installing the PCI card

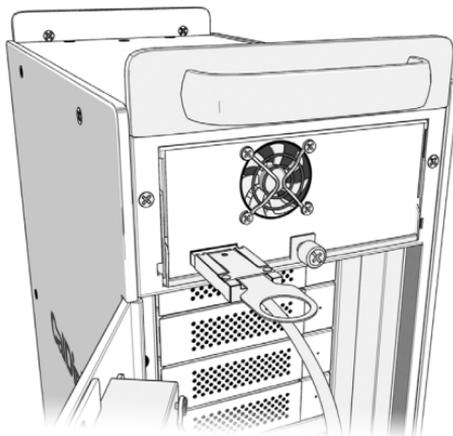
1. Turn off your computer and unplug the AC power cord from wall or power bar.



2. Remove the cover of your computer. Hold the PCIe card firmly by the outside edge, push it into the slot, making sure the PCI connections fit outside the computer.



3. Attach PCI Express Cable from tower PCI connection to HDPro2.

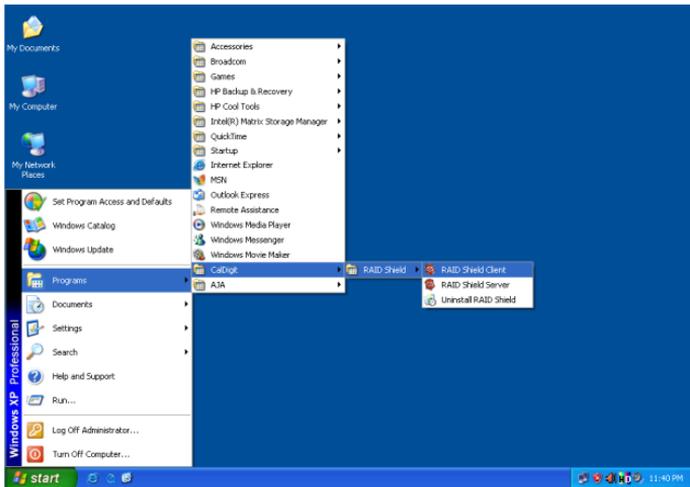


D. Installing RAID Shield

1. Press the power switch to turn on the HDPro2.
It is important to remember that the HDPro2 should be turned on before you start up your computer.
2. Install the CalDigit Driver. Insert the provided CD into the computer, or for the latest driver, please go to <http://www.caldigit.com/support.asp>.
3. When installation is complete, restart the computer.

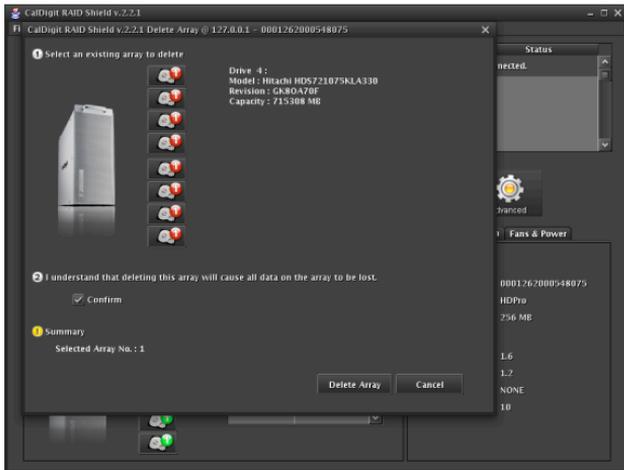
E. Launch RAID Shield

1. Launch RAID Shield from: Programs / CalDigit / RAID Shield Client.



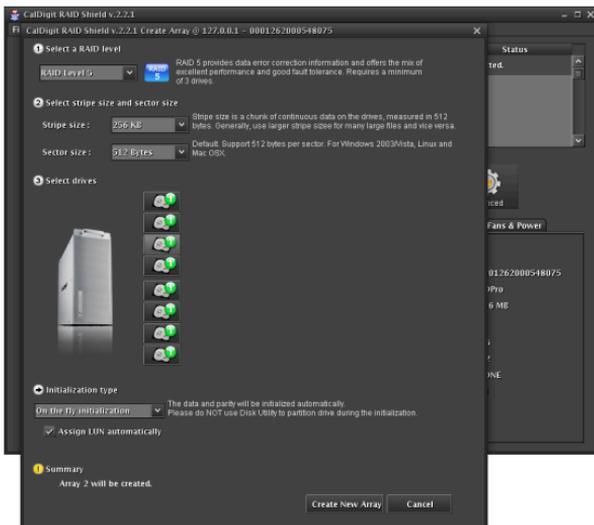
2. Click "Scan Controller". Select your HDPro2. Type in the new array name. Click "Add".

3. Delete Array by selecting the array, checking "confirm delete" then clicking "delete."



Every time you "delete array" all data in the array will be lost.

4. Create Array - RAID 5, Stripe Size 256KB, Sector Size 512 bytes*, Select all drives, "On the fly initialization" click "create array."





Keep in mind, that on the fly initialization will take from five to eight hours, depending on the size of your array. Do not use the test mode option to set up your HDPro2. Test mode will not secure your data, and is only used for testing purposes.

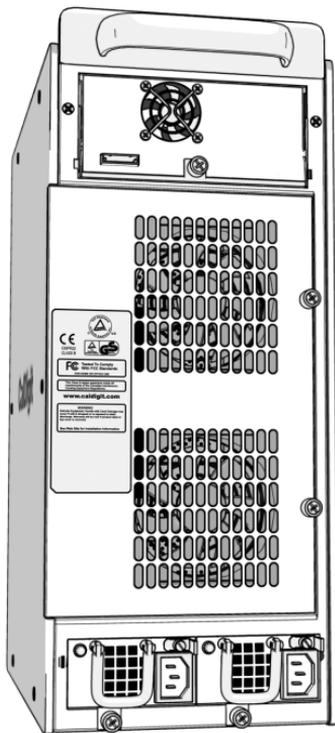
5. When array is completed restart your computer.
6. After boot up right click on "My Computer" and chose "Manage."
7. Computer Management / Storage / Disk Management - Format new external storage.
8. When the format is complete restart the computer.
9. Congratulations, your HDPro2 is set-up and ready to have storage added.

F. Shutting down the computer

When you want to shut down your HDPro2, please turn off your computer; wait 20 second then hold the power button for 2 seconds to power down.

Thank you!

For choosing CalDigit. Please visit us at www.caldigit.com to register your product.



www.caldigit.com

©Copyright 2010 CalDigit, Inc. All Rights Reserved