## **Installing AM43 Drivers on MAC Osx**

1. Connect the AM43 to your MAC via USB cable.

2. Click on the "apple icon" in the upper left corner of screen. Select "About this Mac".

3. Click "More Info..." button.



4. Under Contents column, click on USB which should be located under Hardware tab.

5. In the center of the window, you should see the AM43 listed under the USB Device Tree. You can click on the entry to verify that connection was successful.

000	michael-williamss-macbook	Contractor Designation			
Michael Williams's MacBook 7/1/13 1:07 PM					
Contents	USB Device Tree	*			
<ul> <li>♥ Hardware</li> <li>ATA</li> <li>Audio (Built In)</li> <li>Bluetooth</li> <li>Diagnostics</li> <li>Disc Burning</li> <li>Fibre Channel</li> <li>FireWire</li> <li>Graphics/Displays</li> <li>Hardware RAID</li> <li>Memory</li> <li>PC Cards</li> <li>PCI Cards</li> <li>PCI Cards</li> <li>PCI Cards</li> <li>PCI Cards</li> <li>Power</li> <li>Printers</li> <li>SAS</li> <li>Serial-ATA</li> <li>USB</li> <li>♥ Network</li> <li>AirPort Card</li> <li>Firewall</li> <li>Locations</li> <li>Modems</li> <li>Volumes</li> <li>♥ Software</li> <li>Applications</li> <li>Extensions</li> <li>Fonts</li> </ul>	<ul> <li>♥ USB Bus Apple Internal Keyboard / Trackpad IR Receiver</li> <li>♥ USB Bus</li> <li>● NoLand AM43 M Ntiplexer</li> <li>♥ BRCM2046 Hub Bluetooth USB Host Controller</li> <li>USB High-Speed Bus</li> <li>♥ USB High-Speed Bus Cruzer Built-in iSight</li> </ul>				
	NoLand AM43 Multiplexer:         Product ID:       0xfef6         Vendor ID:       0x0448 (Microchip Technology Inc.)         Version:       0.01         Speed:       Up to 12 Mb/sec         Manufacturer:       Noland Engineering Inc.         Location ID:       0x06200000         Current Available (mA):       500         Current Required (mA):       100				

6. To determine the address or location of the AM43, you will need to open a terminal window. Under the Finder Profile, select Go>>Utilities>>Terminal.



7. Enter the following command into the terminal window prompt, "ls /dev/tty.\*". The result should be a display of attached USB devices. In the example below, the AM43 connected is "/dev/tty.usbmodem621". This is where you will connect programs to view the data coming in from the AM43.

michael-williamss-ma	cbook:~ michaelwi	lliams\$ ls /dev	/tty.*	
/dev/tty.Bluetooth-M	odem /dev/	tty.usbmodem621		
michael-williamss-ma	cbook:~ michaelwi	Iliams\$		

8. Congratulations! You have successfully setup the AM43 for your MAC. To verify, you can download a terminal program called, "goSerial" at <u>http://www.furrysoft.de/?page=goserial</u>.

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\$GPGGA,150024434,2804.875	N,08036.483,W,1,08,1.6,12.0,M,-29.3,M,,	
\$HCHDG,,,W,2.3,E	N 00006 400 H 4 00 4 6 40 0 H 20 0 H	
\$GPGGA,150024.84,2804.875 \$HCHDG W 2 3 F	N,00036.403,W,1,00,1.6,12.0,N,-29.3,N,,	
\$GPGGA.150024.84.2804.875	.N.08036.483,W.1.08,1.6,12.0,M,-29.3,M,,	
\$HCHDG,,,W,2.3,E		
\$GPGGA,150024.84,2804.875	,N,08036.483,W,1,08,1.6,12.0,M,-29.3,M,,	
\$HCHDG,,,W,2.3,E	N 00004 400 H 4 00 4 4 40 0 M 20 2 M	
\$6P66A,150024.84,2004.075 \$HCHDG W 2.3.F	,N,U0U30.403,W,I,U0,I.0,IZ.U,N,-29.3,N,,	
\$GPGGA,150024.84,2804.875	N,08036.483,W,1,08,1.6,12.0,M,-29.3,M,,	
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\$GPGGA,150024.84,2804.875	,N,08036.483,W,1,08,1.6,12.0,M,-29.3,M,,	
\$HCHDG,,,W,Z.3,E	N 09036 493 W 1 09 1 6 12 0 M 20 3 M	
\$HCHDGW.2.3.E	,,,,,00000.403,*,1,00,1.0,12.0,11,-29.3,11,,	
\$GPGGA,150024.84,2804.875	,N,08036.483,W,1,08,1.6,12.0,M,-29.3,M,,	
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\$HCHDG,,,W,2.3,E \$CDCC1 1E0024 84 2804 87E	N 09036 493 H 1 08 1 6 12 0 M 20 3 M	0
\$HCHDGW.2.3.E	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
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