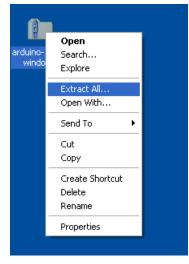


## Installing the Arduino Mega Driver on Windows XP

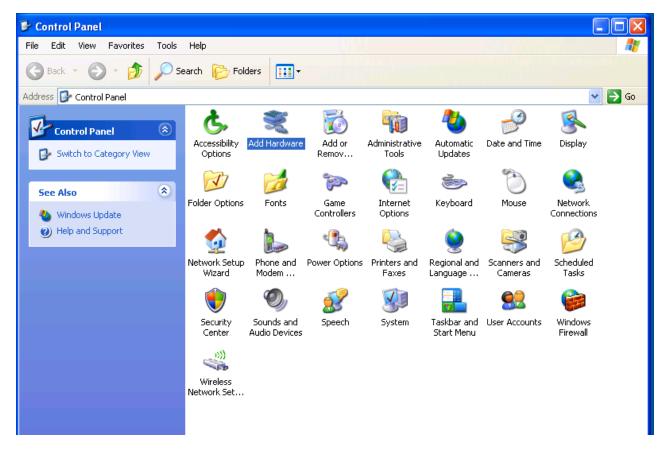
Goal: Installing the the Arduino Mega device driver on Windows XP.

The automatic driver install process for Windows XP might automatically install a Microsoft Windows version of the Arduino Mega driver. This is not the driver LANforge expects. These instructions will guide you how through uninstalling an old driver and installing the new driver.

- 1. Follow the link to the Arduino project to download the latest driver Download Arduino IDE For more information see Installing LANforge Server on Windows
- 2. Download the Arduino IDE zip file to your desktop. Use **Right-click→Extract All...** to expand the contents to a folder on your desktop.



- 3. Connect USB cable from the Attenuator to the PC
- 4. Click Start→Control Panel and choose the Add Hardware option.



5. In the hardware list page, select Add a new hardware device, and click Next



Add Hardware Wizard		
The following hardware is already installed on your computer		
From the list below, select an installed hardware device, then click Next to check properties or troubleshoot a problem you might be having.		
To add hardware not shown in the list, click "Add a new hardware device."		
Installed hardware:		
AMD PCNET Family PCI Ethernet Adapter		
<ul> <li>Intel(R) Core(TM) i7-4790K CPU @ 4.00GHz</li> <li>Intel(R) Core(TM) i7-4790K CPU @ 4.00GHz</li> </ul>		
Standard OpenHCD USB Host Controller		
😋 USB Root Hub		
Add a new hardware device 💽		
<pre></pre>		

6. Select the Install the hardware that I manually select option, and click Next

Add Hardware Wizard
The wizard can help you install other hardware
The wizard can search for other hardware and automatically install it for you. Or, if you know exactly which hardware model you want to install, you can select it from a list.
What do you want the wizard to do? Search for and install the hardware automatically (Recommended) Install the hardware that I manually select from a list (Advanced)
< Back Next > Cancel

7. Select the Ports (COM & LPT) option, and click Next

Add Hardware Wizard	
From the list below, select the type of hardware you are installing	€\$}
If you do not see the hardware category you want, click Show All Devices. Common hardware types:	
<ul> <li>PCMCIA adapters</li> <li>PCMCIA and Flash memory devices</li> <li>Ports (COM &amp; LPT)</li> <li>Printers</li> <li>SCSI and RAID controllers</li> <li>Sound, video and game controllers</li> <li>System devices</li> <li>Tape drives</li> </ul>	
<pre> Back Next &gt; [</pre>	Cancel

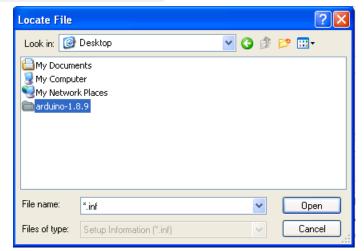
8. Select (Standard port types) option, then Communications Port and then click Have Disk...

Add Hardware Wizard			
Select the device driver you	want to install for this hardware.		
Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.			
Manufacturer (Standard port types) Cyclades Corporation Microsoft	Model Communications Port Communications Port COMMUNICATIONS Port Communications Port Printer Port		
This driver is digitally signed. <u>Tell me why driver signing is important</u> Have Disk			
	< Back Next > Cancel		

## 9. Click Browse



10. Navigate to your Desktop\arduino-1.8.9\drivers folder, and click Open



11. Click Next



12. Click Next





## 14. Click Finish



- 15. You should not need to reboot your system in order to run the Attenuator
- 16. For LANforge to recognize the new attenuator, restart the LANforge server on the machine that has the attenuator connected. On Windows, close the LANforge server CMD windows and then restart LANforge with using your desktop icon.

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