## Installing a Loopback adapter on Windows XP

1) Go to Start -> Run and type in "hdwwiz.cpl" and press enter



2) Click on Next

Add Hardware Wizard				
	Welcome to the Add Hardware Wizard			
	This wizard helps you:			
400	<ul> <li>Install software to support the hardware you add to your computer.</li> </ul>			
	<ul> <li>Troubleshoot problems you may be having with your hardware.</li> </ul>			
	If your hardware came with an installation CD, it is recommended that you click Cancel to close this wizard and use the manufacturer's CD to install this hardware. To continue, click Newt			
I o continue, click Next.				
	< <u>B</u> ack <u>Next</u> > Cancel			

3) Select "Yes, I have already connected the hardware", click on Next

s the hardware connected?	
Have you already connected this hardy	vare to your computer?
<ul> <li>Yes, I have already connected the second seco</li></ul>	he hardware
No, I have not added the hardway	are yet
	<back next=""> Cancel</back>
l to the bottom and select "Add a	new hardware device", click on Next
Handware Wizard	
The following hardware is already in	stalled on your computer
	S. 404
From the list below, select an installed h	hardware device, then click Next to check
From the list below, select an installed h properties or troubleshoot a problem yo	nardware device, then click Next to check u might be having.
From the list below, select an installed h properties or troubleshoot a problem you To add hardware not shown in the list,	hardware device, then click Next to check u might be having. click "Add a new hardware device."
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From the list below, select an installed h properties or troubleshoot a problem you To add hardware not shown in the list, Installed hardware:	hardware device, then click Next to check u might be having. click "Add a new hardware device."
From the list below, select an installed H properties or troubleshoot a problem you To add hardware not shown in the list, Installed hardware: USB Root Hub	hardware device, then click Next to check u might be having. click "Add a new hardware device."
From the list below, select an installed P properties or troubleshoot a problem you To add hardware not shown in the list, Installed hardware: USB Root Hub Composite Device Ceneric USB Hub	hardware device, then click Next to check u might be having. click "Add a new hardware device."
From the list below, select an installed H properties or troubleshoot a problem you To add hardware not shown in the list, Installed hardware: USB Root Hub USB Composite Device Generic USB Hub USB Mass Storage Device	hardware device, then click Next to check u might be having. click "Add a new hardware device."
From the list below, select an installed H properties or troubleshoot a problem you To add hardware not shown in the list, Installed hardware: USB Root Hub USB Composite Device Generic USB Hub USB Mass Storage Device Batronix BX32P Barlino	hardware device, then click Next to check u might be having. click "Add a new hardware device."
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4)

5) Select Install the hardware that I manually select from a list (Advanced), click on Next

The wizard can help you install other ha	rdware		
The wizard can search for other hardware a know exactly which hardware model you wa	nd automatically	install it for you. (	Dr, if you Dalist
Know exactly which hardware model you we	init to inistali, you	Can select it non	r a not.
What do you want the wizard to do?			
$\bigcirc$ Search for and install the hardware at	utomatically (Red	commended)	
Install the hardware that I manually se	elect from a list (A	\dvancedį	
	< <u>B</u> ack	<u>N</u> ext>	Cancel
ct "Network adapters", click on Next			
Hardware Wizard			
From the list below, select the type of ha	ardware you a	re installing	
If you do not see the hardware category you	i want, click Sho	w All Devices.	
If you do not see the hardware category you	ı want, click Sho	ow All Devices.	
If you do not see the hardware category you Common <u>h</u> ardware types:	ı want, click Sho	ow All Devices.	
If you do not see the hardware category you Common <u>h</u> ardware types:	ı want, click Sho	ow All Devices.	•
If you do not see the hardware category you Common <u>h</u> ardware types: © IEEE 1394 Bus host controllers @ Imaging devices	ı want, click Sho	ow All Devices.	
If you do not see the hardware category you Common <u>h</u> ardware types: IEEE 1394 Bus host controllers Imaging devices Infrared devices	ı want, click Sho	ow All Devices.	*
If you do not see the hardware category you Common hardware types: IEEE 1394 Bus host controllers Imaging devices Infrared devices Modems Multi-port serial adapters	ı want, click Sho	ow All Devices.	
If you do not see the hardware category you Common hardware types: IEEE 1394 Bus host controllers Imaging devices Infrared devices Modems Multi-port serial adapters Network adapters	ı want, click Sho	ow All Devices.	
If you do not see the hardware category you Common <u>h</u> ardware types: Provide IEEE 1394 Bus host controllers Provide Imaging devices Provide Im	ı want, click Sho	ow All Devices.	
If you do not see the hardware category you Common hardware types: IEEE 1394 Bus host controllers Infrared devices Modems Modems Multi-port serial adapters Nt Apm/Legacy Support PCMCIA adapters	ı want, click Sho	w All Devices.	
If you do not see the hardware category you Common hardware types: IEEE 1394 Bus host controllers Imaging devices Imaging devices Modems Modems Multi-port serial adapters Multi-port serial adapters Network adapters NT Apm/Legacy Support PCMCIA adapters PCMCIA and Elash memory devices	ı want, click Sho	w All Devices.	
If you do not see the hardware category you Common hardware types: IEEE 1394 Bus host controllers Infrared devices Modems Modems Multi-port serial adapters Multi-port serial adapters Multi-port serial adapters Multi-port serial adapters PCMCIA adapters PCMCIA adapters PCMCIA and Elash memory devices	ı want, click Sho	w All Devices.	

6)

7) Select "Microsoft Loopback Adapter", click on Next

Add Hardware Wizard					
Select Network Adapter Which network adapter do you want to install?					
Click the Network Adapter t installation disk for this comp	hat matches your hardware, then click OK. If you have an ponent, click Have Disk.				
Manufacturer Microsoft TAP-Win32 Provider (coLinux)	Network Adapter: Bluetooth Device (RFCOMM Protocol TDI) Microsoft Loopback Adapter Microsoft Tun Miniport Adapter				
This driver is digitally signed.       Have Disk         Tell me why driver signing is important       Have Disk					
	< <u>B</u> ack <u>N</u> ext > Cancel				
Click on Next again					

## 8)

Add Hardware Wizard			
The wizard is ready to install your hards	#are		
Hardware to install:			
Microsoft Loopback Adapter			
To start installing your new hardware, click	Next.		
	< <u>B</u> ack	Next >	Cancel

## 9) Click on Finish

