

How I got my Belkin F8T012 working on XP SP2 using the MS Stack:

All worked well for me but I guess the disclaimer is that you proceed at your own risk.

DO NOT install the Belkin software, as this will install the widcomm drivers (not supported by the MS Stack and 32feet).

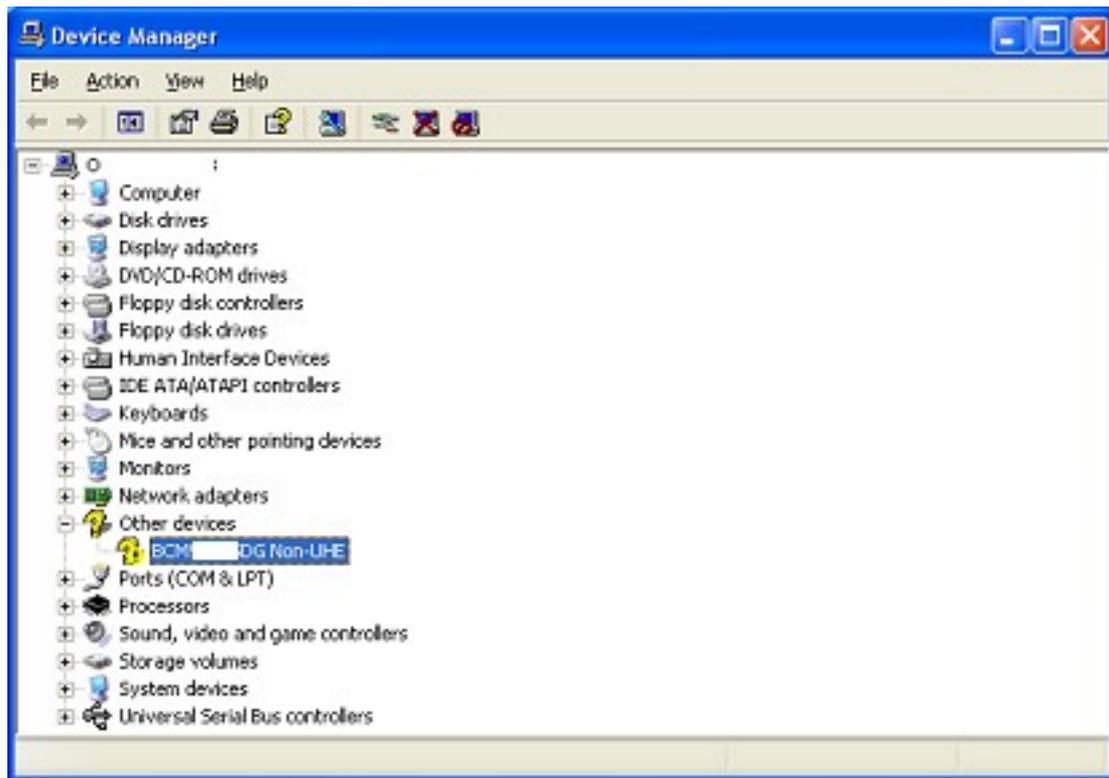
Plug in the dongle into a spare USB device.

When windows asks for the driver just cancel out of this.

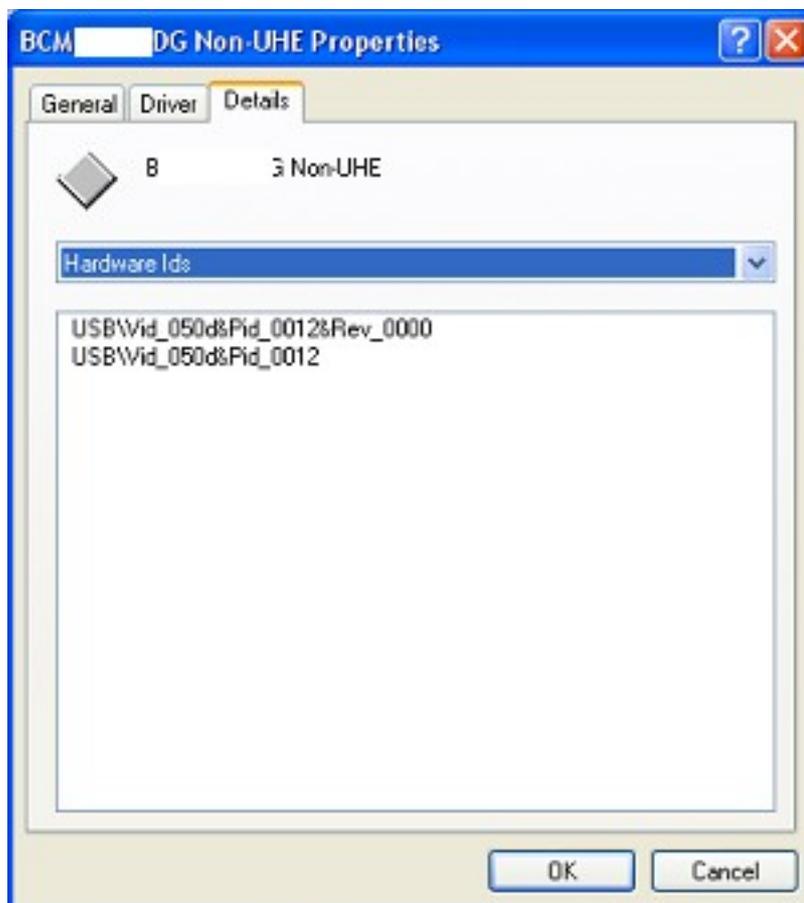


Then go to **Start, Control Panel, System, Hardware** tab, click **Device Manager**:

You should see something like this:



Click right mouse, select **properties**, **Details** tab, select **Hardware Ids** from the dropdown:



Make a note of the second value (in my case):

USB\VID_050D&PID_0012

Then go to:

C:\Windows\inf\bth.inf

And look for the following lines:

;----- Device section - Start -----

[ALPS.NT.5.1]

ALPS Integrated Bluetooth Device= BthUsb, USB\VID_044E&PID_3005

Alps Bluetooth USB Adapter= BthUsb, USB\VID_044E&PID_3006

[Belkin.NT.5.1]

Belkin Bluetooth Adapter= BthUsb, USB\VID_050D&PID_0081

Belkin Bluetooth Adapter= BthUsb, USB\VID_050D&PID_0084

Copy one of the lines above and add your Pid (step from above). Should look something like this:

;----- Device section - Start -----

[ALPS.NT.5.1]

ALPS Integrated Bluetooth Device= BthUsb, USB\VID_044E&PID_3005

Alps Bluetooth USB Adapter= BthUsb, USB\VID_044E&PID_3006

[Belkin.NT.5.1]

Belkin Bluetooth Adapter= BthUsb, USB\VID_050D&PID_0081

Belkin Bluetooth Adapter= BthUsb, USB\VID_050D&PID_0084

Belkin Bluetooth Adapter= BthUsb, USB\VID_050D&PID_0012

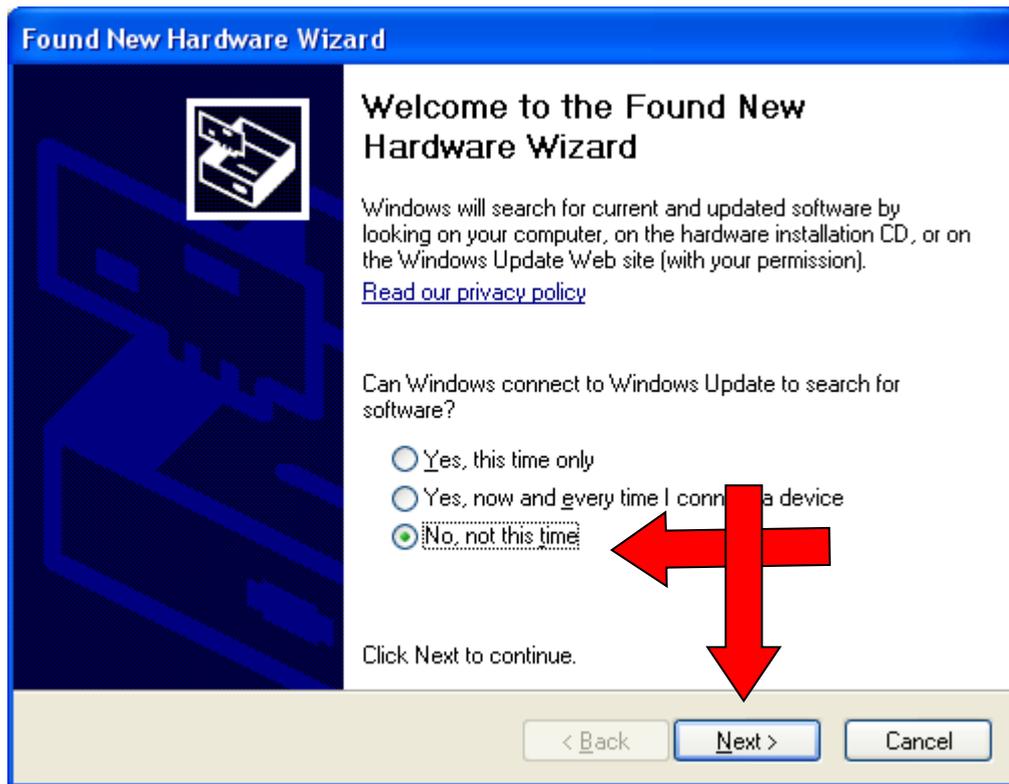
Not sure what happens if you follow these steps for a device that does not have a device by the same company!

Save and close

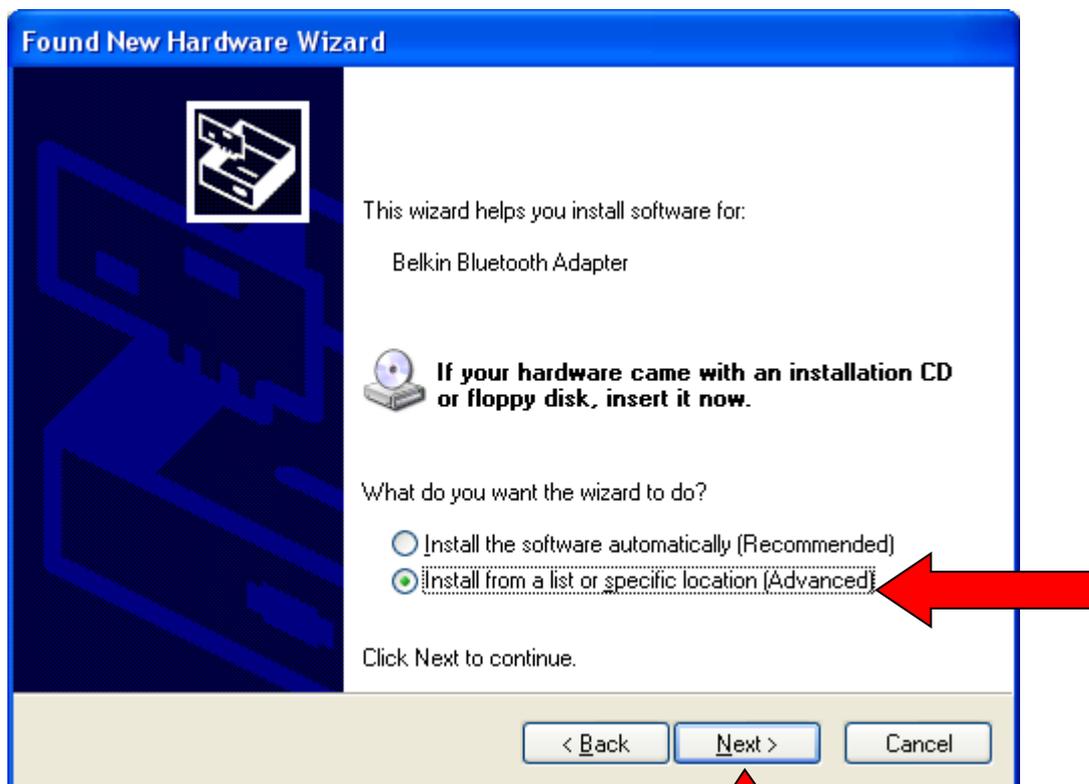
Uninstall the unknown USB device in Device Manager.

Remove the USB dongle and then plug it back in.

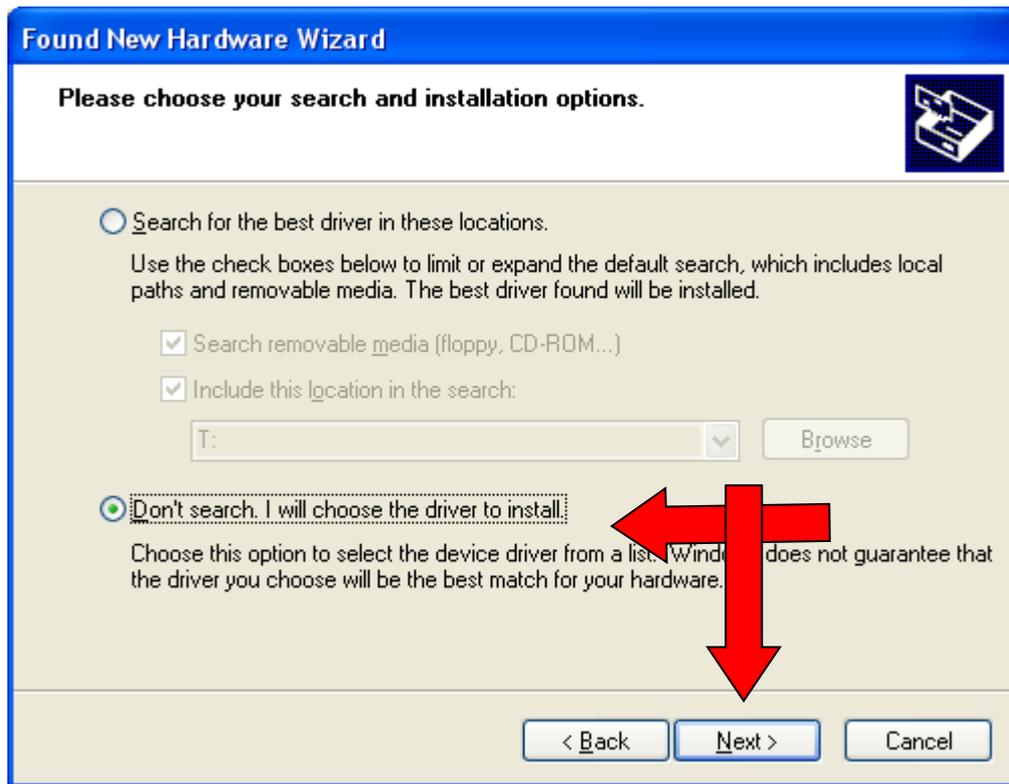
You will see the "Found New Hardware Wizard" dialog again, but this time **select** "No, not this time" and then click **next**.



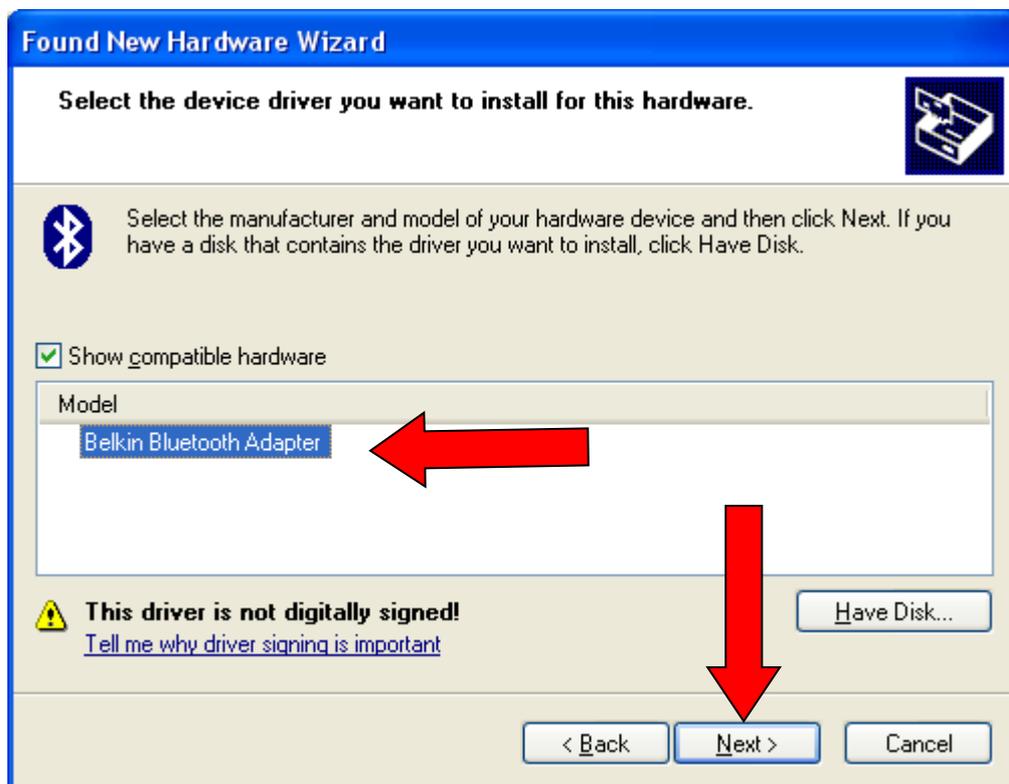
Then **select** Advance and **next**:



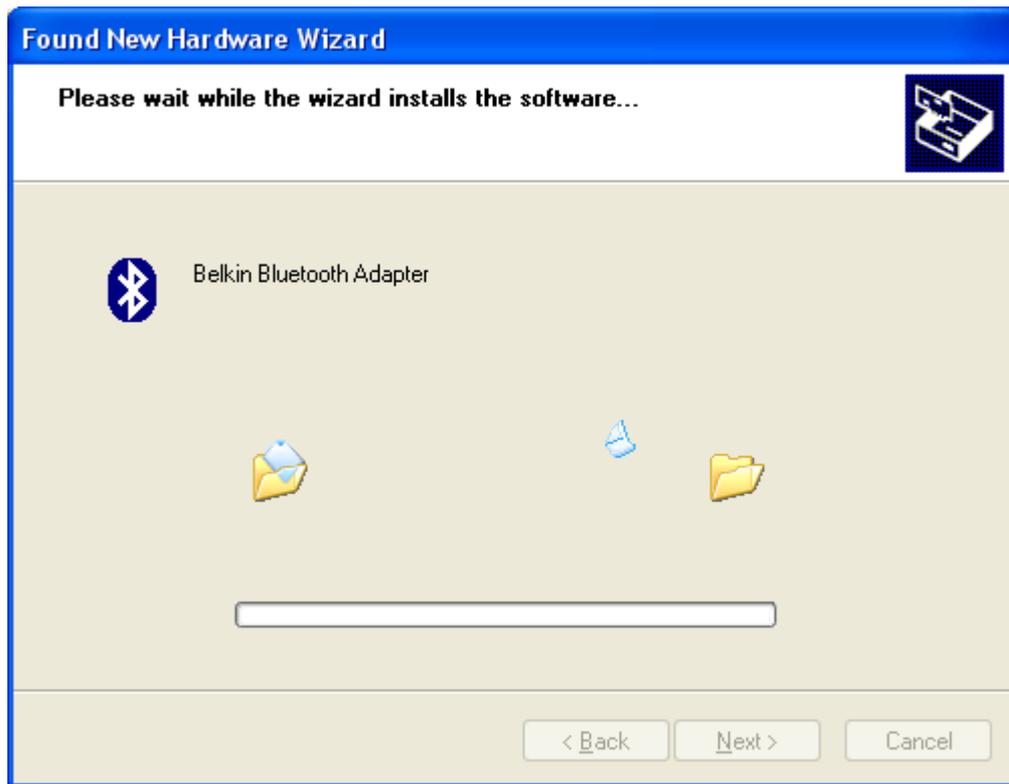
Then **select** "Don't Search" and **Next**:



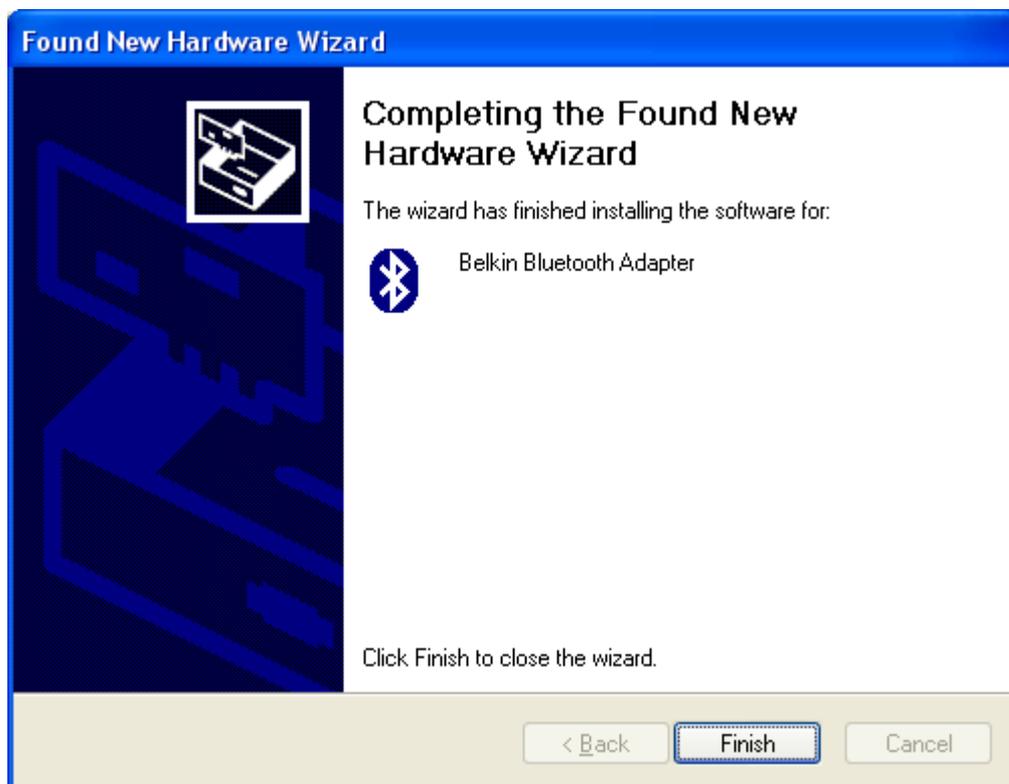
Then **select** "Belkin Bluetooth Adapter" (this is the link to the inf file) and click **next**:



This will install the driver supported for XP SP2:

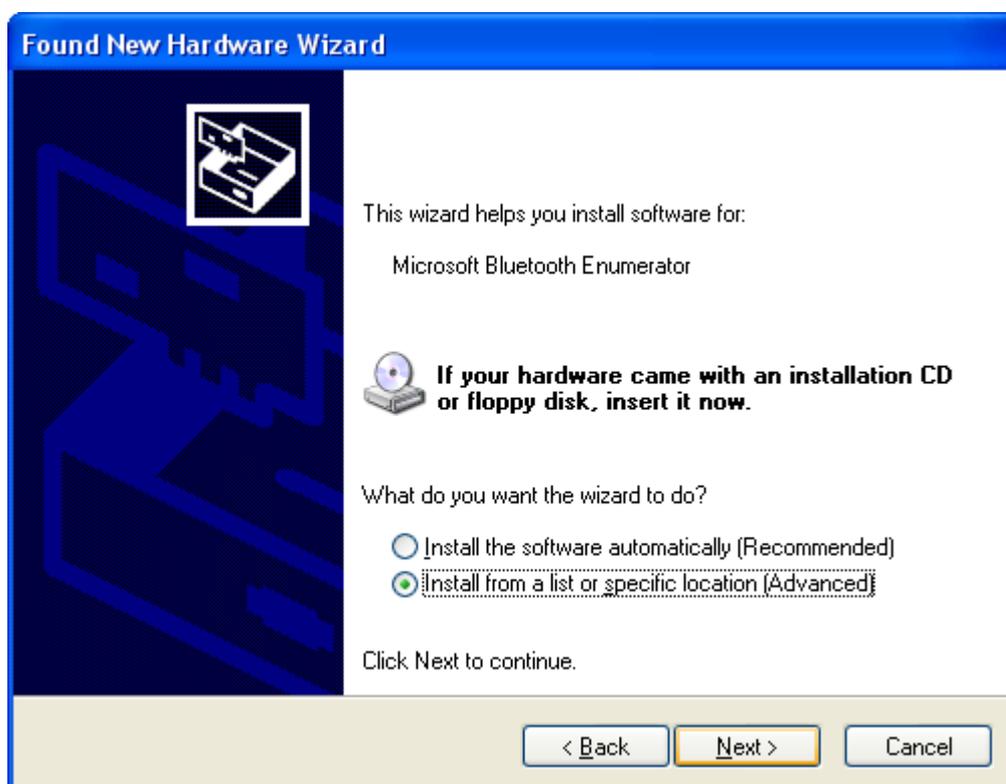


Click finish:



Windows has now installed the dongle but it will also find a Microsoft Bluetooth adapter.

You will have to repeat the above again for this.



Found New Hardware Wizard

Please choose your search and installation options.



Search for the best driver in these locations.

Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.

Search removable media (floppy, CD-ROM...)

Include this location in the search:

T:



Browse

Don't search. I will choose the driver to install.

Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.

< Back

Next >

Cancel

Found New 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.

Show compatible hardware

Model

Microsoft Bluetooth Enumerator



This driver is not digitally signed!

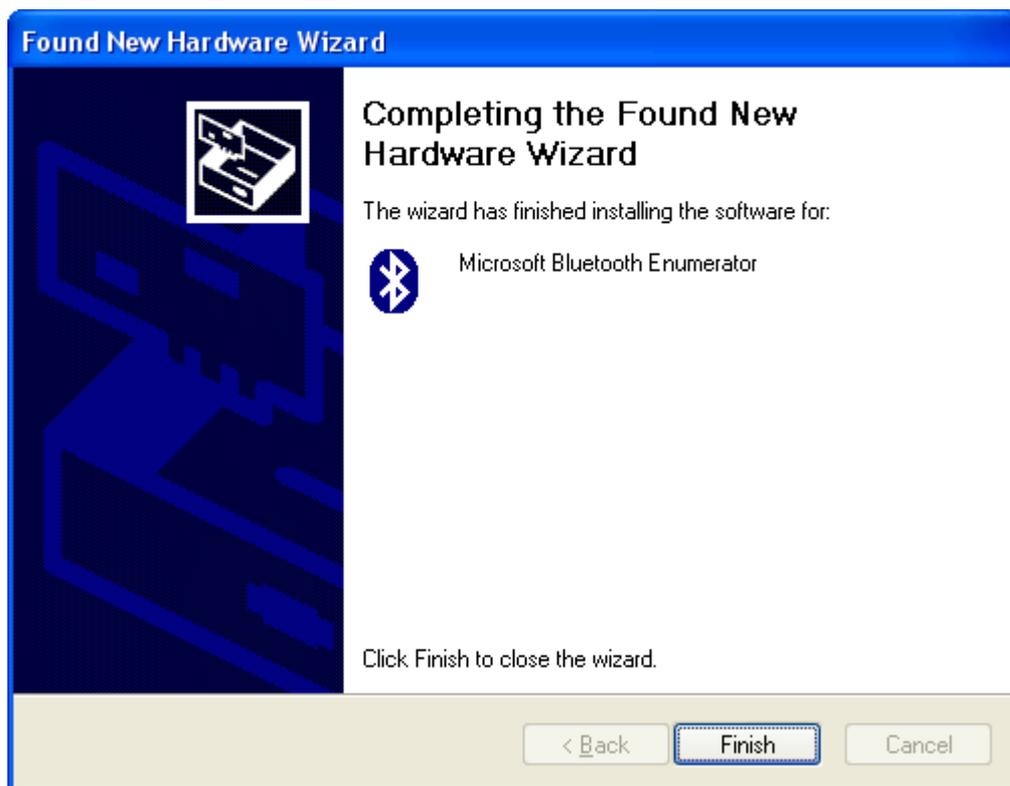
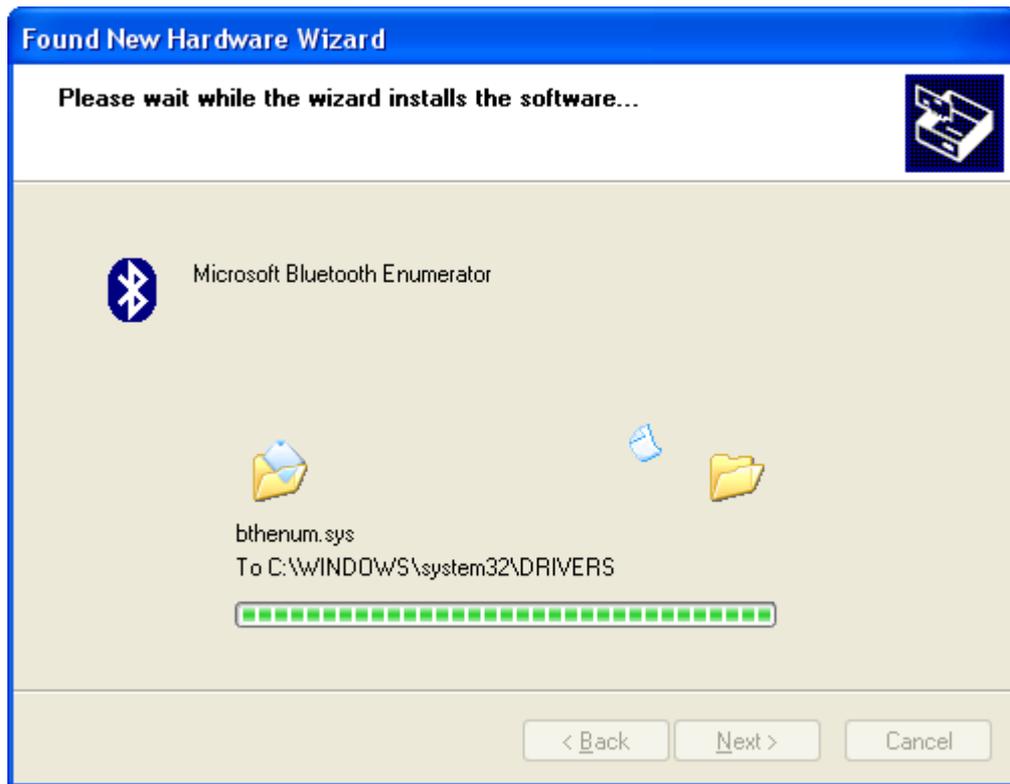
[Tell me why driver signing is important](#)

Have Disk...

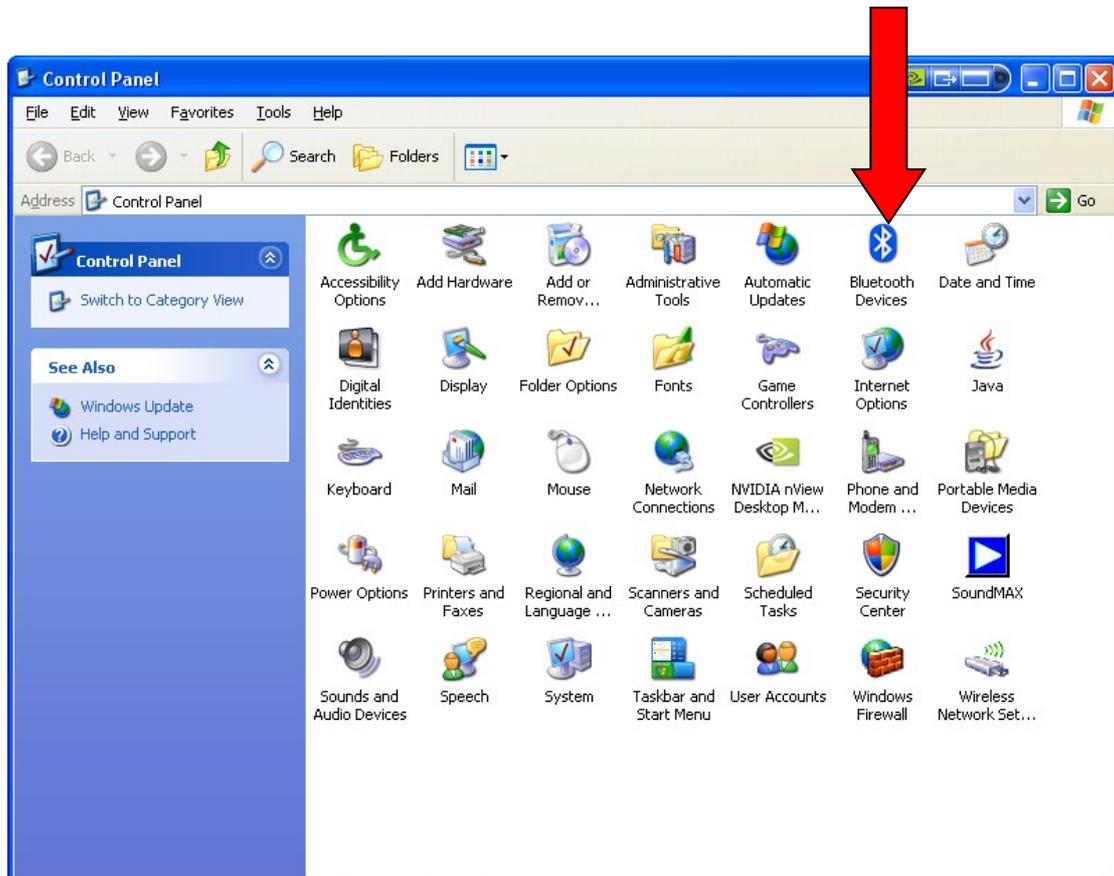
< Back

Next >

Cancel



You should now get the Bluetooth Devices icon in your Control Panel.



That should be it ☺

To test it, install the InTheHand dlls and try out this sample code:

Create a console application

```
static void Main(string[] args)
{
    BluetoothClient BC = new BluetoothClient();
    BluetoothDeviceInfo[] arr = BC.DiscoverDevices();

    Console.WriteLine("There were " + arr.Length + " devices found:");

    foreach (BluetoothDeviceInfo b in arr)
    {
        Console.WriteLine("");
        Console.WriteLine(("").PadRight(24, '-'));
        Console.WriteLine("\t" + b.DeviceName);
        Console.WriteLine("\t" + b.ClassOfDevice);
        Console.WriteLine("\t" + b.Connected);
        Console.WriteLine("\t" + b.DeviceAddress);
        Console.WriteLine("\t" + b.InstalledServices);
        Console.WriteLine("\t" + b.LastSeen);
        Console.WriteLine("\t" + b.LastUsed);
        Console.WriteLine("\t" + b.Remembered);
        Console.WriteLine(("").PadRight(24, '-'));
    }
}
```

Should show see something like this:

```
C:\WINDOWS\system32\cmd.exe
There were 4 devices found:
-----
0E          99
CellPhonePhone, NetworkService, ObexService, TelephonyService
False
0E          99
System.Guid[]
21/04/2006 11:24:15
01/01/0001 00:00:00
False
-----
Lu
CellPhonePhone, NetworkService, ObexService, TelephonyService
False
00          0
System.Guid[]
21/04/2006 11:24:15
01/01/0001 00:00:00
False
-----
Nozza
SmartPhone, ObexService, TelephonyService
False
0E          iC
System.Guid[]
21/04/2006 11:24:15
01/01/0001 00:00:00
False
-----
Kazmo
SmartPhone, ObexService, TelephonyService
False
00          'B
System.Guid[]
21/04/2006 11:24:15
01/01/0001 00:00:00
False
-----
Press any key to continue . . .
```

Hope that helps.

All the best,
Nick