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:

всм	DG I	on-UHE Propert	ies		? 🛛
General	Driver	Details			
\diamond	в	3 Non-UHE			
Hardy	vare Ids				~
USB USB	Vid_050 Vid_050	d&Pid_0012&Rev_00 d&Pid_0012	00		
				OK	Cancel

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_3005Alps Bluetooth USB Adapter=BthUsb, USB\Vid_044e&Pid_3006

[Belkin.NT.5.1]

Belkin Bluetooth Adapter=BthUsb, USB\Vid_050d&Pid_0081Belkin 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_3005Alps Bluetooth USB Adapter=BthUsb, USB\Vid_044e&Pid_3006

[Belkin.NT.5.1]

Belkin Bluetooth Adapter=BthUsb, USB\Vid_050d&Pid_0081Belkin Bluetooth Adapter=BthUsb, USB\Vid_050d&Pid_0084Belkin 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.

Found New Hardware Wizard					
	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on				
	the Windows Update Web site (with your permission). Read our privacy policy Can Windows connect to Windows Update to search for software?				
	 Yes, this time only Yes, now and every time I conners a device No. not this time 				
	< <u>B</u> ack <u>N</u> ext > Cancel				

Then select Advance and next:

Found New Hardware Wiz	ard
	This wizard helps you install software for:
	If your hardware came with an installation CD or floppy disk, insert it now.
	What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced)
	< <u>Back</u> <u>Next</u> Cancel
hen select "Don't Sea	rch" and Next:

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. Windu the driver you choose will be the best match for your hardware.
< <u>B</u> ack <u>N</u> ext > Cancel

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

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.					
Model Belkin Bluetooth Adapter					
Image: This driver is not digitally signed! Have Disk Tell me why driver signing is important Have Disk					
< <u>B</u> ack <u>N</u> ext > Cancel					

This will install the driver supported for XP SP2:

Found New Hardware Wizard						
Please wait while the wizard installs the software						
8	Belkin Bluetooth Adapter					
	Ď	9	Þ			
	[
		< <u>B</u> ack	<u>N</u> ext >	Cancel		

Click finish:

Found New Hardware Wizard						
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: Image: Solution of the Bluetooth Adapter Solution of the Bluetooth Adapter Click Finish to close the wizard.					
	< <u>B</u> ack Finish Cancel					

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.



This wizard helps you install software for: Microsoft Bluetooth Enumerator If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced) Click Next to continue.
< <u>B</u> ack <u>N</u> ext > Cancel

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 On'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.
< <u>B</u> ack <u>N</u> ext > 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 <u>c</u> ompatible hardware
Model Microsoft Bluetooth Enumerator
This driver is not digitally signed! Have Disk Tell me why driver signing is important Have Disk
< <u>B</u> ack <u>N</u> ext > Cancel



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

< <u>B</u>ack

Finish

Cancel

📴 Control Panel						2	GD) -	
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools	<u>H</u> elp							1
🕝 Back 👻 🕥 😁 🏂 🔎 Se	earch 🔀 Fold	ers 🛄 -						
Address 📴 Control Panel							~	∋ Go
Control Panel 🛞	د Accessibility Options	Add Hardware	Add or Remov	Administrative Tools	Automatic Updates	Bluetooth Devices	Date and Time	
See Also 🙁	Digital Identities	Solution (Second Second	Folder Options	j Fonts	Game Controllers	Internet Options	ي Java	
 Help and Support 	🚵 Keyboard	Mail	Mouse	Network Connections	NVIDIA nView Desktop M	Phone and Modem	Portable Media Devices	
	Power Options	Printers and Faxes	Regional and Language	Scanners and Cameras	Scheduled Tasks	Security Center	SoundMAX	
	Sounds and Audio Devices	Speech	System	Taskbar and Start Menu	User Accounts	Windows Firewall	Wireless Network Set	

That should be it ③

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:



Hope that helps.

All the best, Nick