

# MAGX<sup>2</sup>

## P26 Bluetooth Installation



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# **1 INTRODUCTION**

This document describes install and setup the bluetooth module under MS Windows XP SP2.

## **1.1 System requirements**

There are minimum hardware and software requirements of your computer that must be satisfied to ensure that the software functions properly. These are:

- PC with bluetooth adaptor,
- MS Windows XP operating system with service pack 2 or higher,
- MAGX2 Software or other
- MAGX2 flowmeter with bluetooth module.



## 2 INSTALLATION INFORMATION

### 2.1 Setup the MAGX2 flowmeter connections

Disconnect MAGX2 flow meter from the power supply and connect Bluetooth module and antenna to the connector according to the following picture. Consequently you can connect the MAGX2 flow meter back to the power supply.



Picture 1. Bluetooth module and antenna location.

	Warning electrostatic sensitive device.
	Any connection or disconnection of any module has to be done with the network power to the meter switched off.

## 2.2 Setup the MS Windows XP operating system

After inserted the bluetooth adaptor to the PC is displayed request for drivers. If you have Windows XP SP2 We strongly recommend you use the generic drivers rather than the ones that ship with the device. The Windows drivers are actually a lot easier to use. Just plug it in and Windows will do the rest. You should see a Device Manager and Bluetooth icon in the taskbar notification area if the drivers are installed. After the driver of bluetooth interface has been successfully installed, open "Control panel / Bluetooth devices".



Picture 2. Control Panel

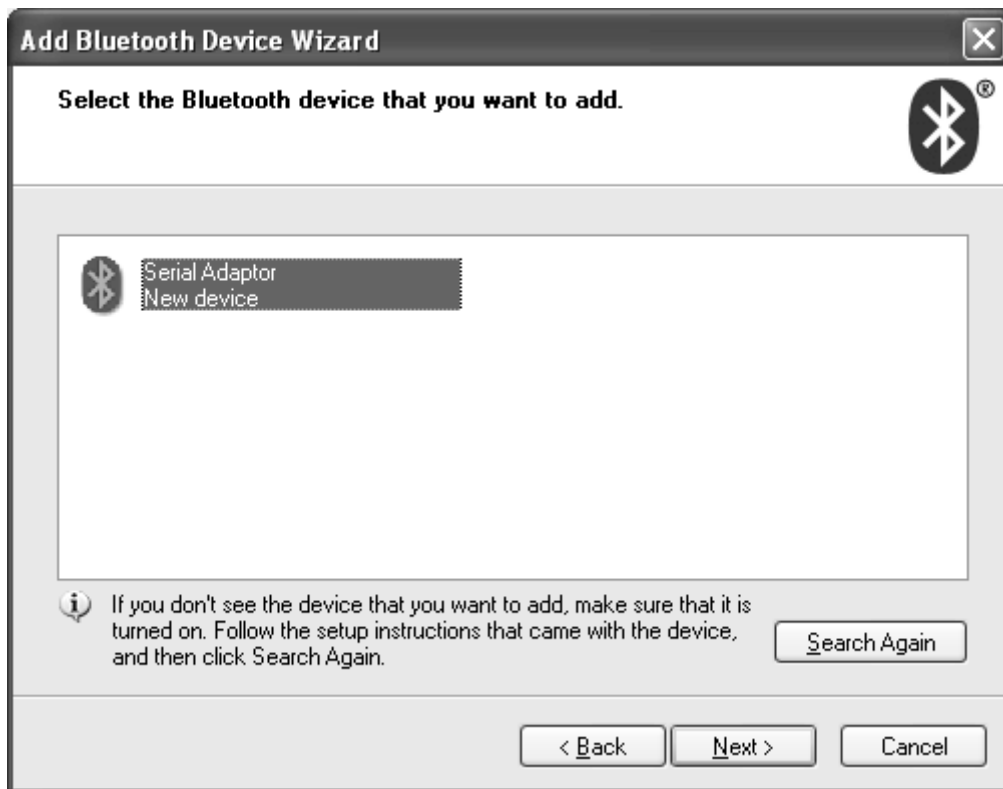


Picture 3. Add Devices

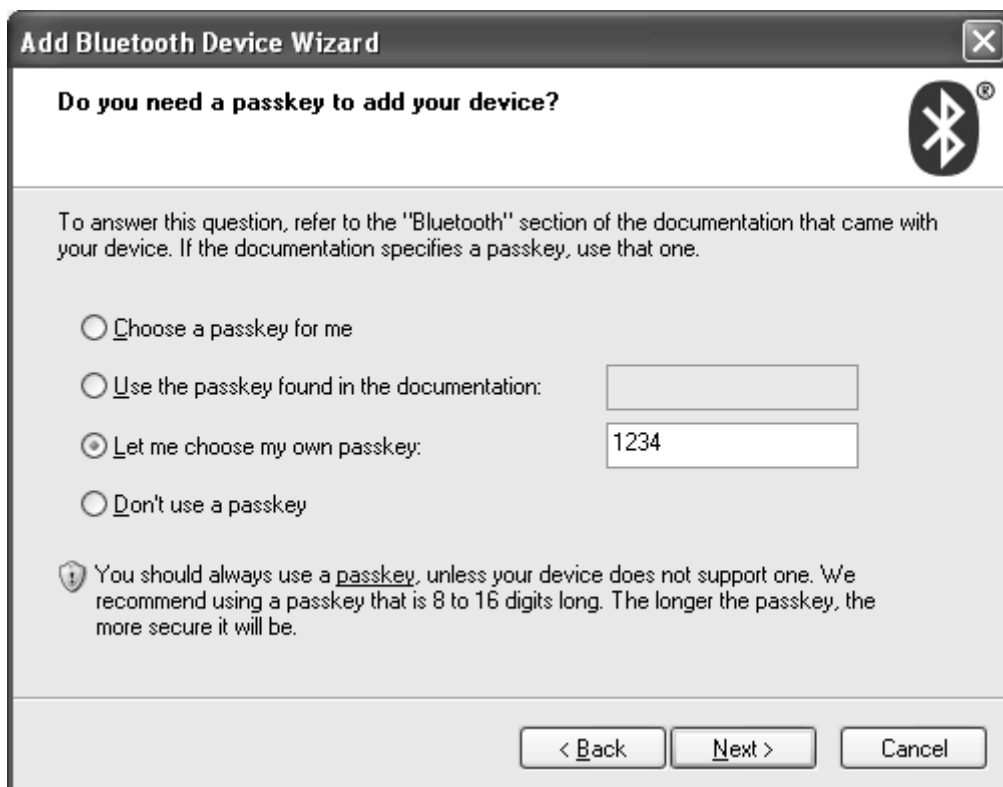


Picture 4. Check 'My devices is set up and ready to be found' and click on Next

If the device is detected the following dialog box is displayed. Chose "Serial Adaptor" and click on Next button.

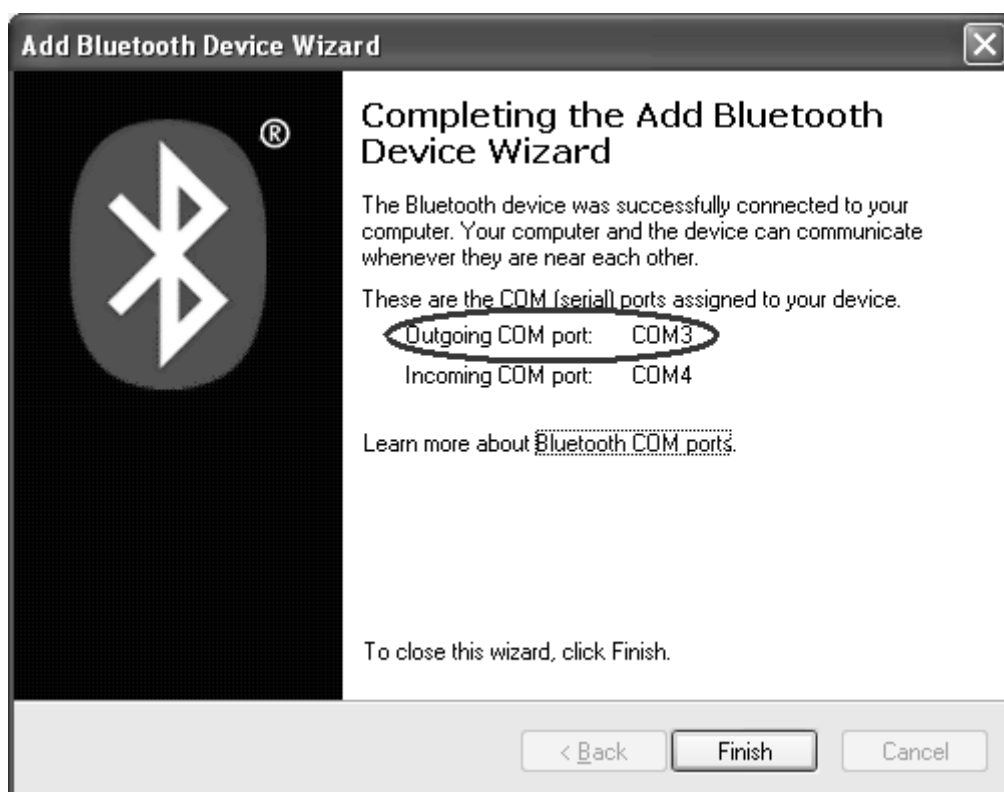


Picture 5. Choose Serial Adaptor device and click on Next



Picture 6. Enter passkey 1234 and click on Next

Once you have entered the passkey, you will see the screen below documenting the com ports for incoming and outgoing connections.



*Picture 7. Computer and this Flowmeter can communicate via Outgoing COM3 port.*



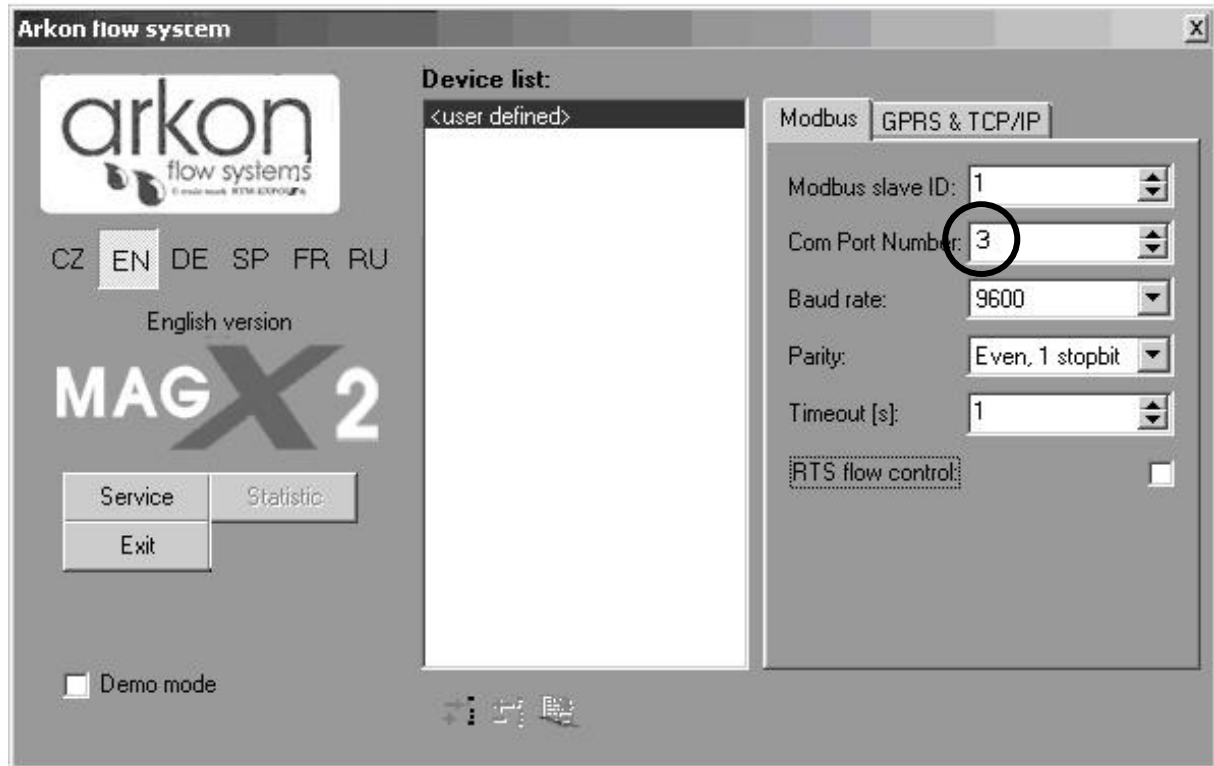


*Picture 8. You can change the name of devices in Properties*

### 3 STARTING THE PROGRAM

After all the virtual serial ports of Bluetooth interface has been successfully installed, open "Control panels / Bluetooth device". In the item "COM ports" there are the virtual installed serial ports shown. The number of the outgoing serial port must be entered into the SW MAGX2.

An example of setting the virtual communication port, see following picture.



Picture 9. Setup right COM port number (for this flowmeter COM3)



Baudrate and parity is not required to set. Recommended is 9600, parity Even, 1 stopbit.