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1 Installing 8PI Control Panel

1.1 System requirements

– PC installed with Microsoft Windows XP, Windows VISTA or Windows 7 - 32-bit or 64-bit versions.
– 100 MB of free space.
– One free USB 2.0 port.

1.2 Installation Wizard

– If a previous version of 8PI Control Panel was installed, it is better to uninstall it. For this, go to Start Menu and locate your 8PI Control Panel menu:

  ![Installation Wizard](image)

– Double-click on archive to start the installation wizard.
– At the wizard welcome screen, click on Next>
The next screen lets you choose the destination directory on your PC hard drive. Default is: 'c:\Program Files\Byte Paradigm'. Select the destination directory and click on Next>

The next screen lets you choose the 'Start Menu' folder where the 8PI Control Panel shortcuts will be installed. The folder 'Byte Paradigm' is chosen by default. Select the destination folder and click on Next>
Finally, click in 'Install' at the 'Ready to install' screen.

Once setup is complete, the final screen pops up. Click on 'Finish' to finish the software installation.
1.3 Installing the USB driver

1.3.1 Default procedure

- Connect your GP or Xpress series device to one free USB port of your PC with the provided cable.
- When prompted, locate and install the USB driver:
  - 32-bit operating system, the driver is located in: `<Installation root>`\8PIControlPanel\drivers\x86
  - 64-bit operating system, the driver is located in: `<Installation root>`\8PIControlPanel\drivers\x64

1.3.2 Install driver manually

In some cases, it might be that Windows does not prompt for driver installation when you plug your GP or Xpress Series device.

1.3.2.1 Installing driver in Windows 7

Here is how to install the driver manually:

- Start Windows Device Manager and connect your GP or Xpress series device to a free USB port.

Your device appears in 'Other devices', as 'GP-22050'
Right click on 'GP-22050' and click on 'Update Driver Software...'

Select 'Browse my computer for driver software'

Select 'Let me pick from a list of device drivers on my computer' and click on 'Next'.
– Click on 'Next'

Select your device's type from the list below.

Common hardware types:
- Show All Devices
- 60883 Device Class
- AVC Devices
- Batteries
- Biometric Devices
- Bluetooth Radios
- Computer
- Digital Media Devices
- Disk drives
- Display adapters
- DVD/CD-ROM drives
- Floppy disk drives

Next  Cancel

– Click on 'Have Disk...'

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
- Byte Paradigm GP-22050

This driver is not digitally signed!

Tell me why driver signing is important

Next  Cancel
Browse to the driver location and select the .inf file in this directory, then click on 'Open':
- 32-bit operating system, the driver is located in: `<Installation root>\8PIControlPanel\drivers\x86`
- 64-bit operating system, the driver is located in: `<Installation root>\8PIControlPanel\drivers\x64`

Click on 'OK'.
At the next screen, select the driver and click on 'Next'.

A warning appears. Click on 'Install this driver software anyway'.

Once the driver is installed, the following screen appears (case of 32 bit driver installed):

The driver is now properly installed for your device, as shown in the Device Manager.
1.3.2.2 Installing driver manually in Windows XP

- Right click on 'USB Device' and select 'Update Driver'.

![Device Manager](image-url)
– Select 'Install from a list of specific location (Advanced)' and click on 'Next'.

– Select 'Don't search. I will choose the driver to install.' and click on 'Next'.
Click on 'Have Disk', then on 'Browse'.

In the browsing windows, select the driver location according to the OS used, and open the .inf file in this directory (click on 'Open' > 'Ok' > :

- 32-bit operating system, the driver is located in: `<Installation root>\8PIControlPanel\drivers\x86`
- 64-bit operating system, the driver is located in: `<Installation root>\8PIControlPanel\drivers\x64`

Click on 'Next'.
– The driver is now properly installed for your device, as shown in the Device Manager (case of a 32-bit OS).

![Hardware Update Wizard]

Click on 'Finish'.

![Device Manager]

– Click on 'Finish'.

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1.4 Installing the License File and starting up 8PI Control Panel

To start 8PI Control Panel, you need the request the license file of your device.

- Follow the instructions from page: [http://www.byteparadigm.com/download-16.html](http://www.byteparadigm.com/download-16.html) to request your license from Byte Paradigm. You'll receive one file named 'license.txt'.
- Copy this license file into the 8PI Control Panel software installation directory. The default directories are:
  - 32-bit OS: C:\Program Files\Byte Paradigm\8PIControlPanel
  - 64-bit OS: C:\Program Files (x86)\Byte Paradigm\8PIControlPanel
- To start up 8PI Control Panel:
  1) ALWAYS connect your device to the USB port first
  2) Click on the 8PI Control Panel icon

- At start-up, the 'Smart Router' application pops up. This side application manages the USB connection with your device and is also used to check your license file. Normally, your device should be listed in SmrtRtr.exe application and the 8PI Control Panel modes of operation that are enabled for your device should be marked with 'YES'.
8PI Control Panel window opens. Please refer to 8PI Control Panel user’s guide (check our general documentation page here: http://www.byteparadigm.com/documentation-15.html)
If your 8PI Control Panel window is blank (see above) or if all modes of operation are marked with 'no' in SmrtRtr.exe, your license file is improperly installed. Please try again. If the problem persists, please check Byte Paradigm’s knowledge base to troubleshoot it: [www.byteparadigm.com/kb](http://www.byteparadigm.com/kb)

Ultimately, contact Byte Paradigm.