

READ ME FIRST

Thank you for purchasing *FlashPro430*, *ChainPro430* or *GangPro430* (the Fast USB-MSP430 Flash Programmer) from Elprotronic Inc. In the provided package please find the following:

1. One READ ME FIRST document.
2. One *X-Pro430* Flash Programmer CD ROM (Software + Manual).
3. One *FlashPro430*, *ChainPro430* or *GangPro430* (USB MSP430 FPA) Flash Programming Adapter.
4. One 6 foot USB-A to USB-B cable.

Software Installation

The *X-Pro430* USB MSP430 Flash Programming Software runs on PC under Windows™ ME, WinNT, 2000 or XP. Follow instructions below to install the software:

1. Insert *X-Pro430* (the USB MSP430 Flash Programming) Software CD into your CD-ROM drive.
2. The *X-Pro430* Setup wizard appears automatically. Click *Install X-Pro430 Programmer* to begin the installation process.
3. If the Setup wizard does not start automatically, click the Start button and choose the Run dialog box. Type "D:\SETUP.EXE", where D represents the drive letter of your CD-ROM drive. Then click the OK button.
4. Once the installation program starts, on-screen instructions will guide you through the remainder of the installation. You **must** accept licence agreement before using software.

Driver Installation

1. Plug in USB-MSP430-FPA to the PC USB Port, using provided cable extender (USB-A to USB-B).
==== **Windows XP** ====
2. The "*New hardware has been found*" should be displayed. Follow the wizard instruction to install the drivers. Drivers are located in the CD ROM directory "**D:\drivers\W2000,ME,XP**", where "D" represents the drive letter of your CD-ROM drive or in the application software directory
C:\Program Files\Elprotronic\Drivers\W2000,ME,XP
==== **Windows - 2000, 98-SE** =====
2. The "*New hardware has been found*" should be displayed. Follow the wizard instruction to install the drivers.
3. Press 'Next' when the Device Wizard Driver screen appear.
4. Select the following option on the wizard screen:
*** select for a suitable driver for my device (recommended)**
and press 'Next'.
5. Select the third option - "**Specify a location**" for a location of the Driver Files.
6. From the browser select the "**D:\drivers\W2000,ME,XP**" for Win-2000 or "**D:\drivers\W98**" for Win-98SE directory, where D:CD-ROM drive location or in the application software directory
C:\Program Files\Elprotronic\Drivers\W98 and press 'Next'.
7. Driver installation process will start.

Driver installation procedures should be done twice. Software will install two USB drivers - the Boot driver and the Application driver. Reboot computer on the end.

Hardware Setup

1. Connect the Fast USB-MSP430 Flash Programming Adapter to the PC USB Port, using provided cable extender (USB-A to USB-B).
2. Plug in socket connector from the Fast USBMSP430 Flash Programming Adapter to the header connector on your device board. Make sure that pin 1 on your device board's header is connected to pin 1 of the socket connector. Pin 1 is marked as a red cable on the ribbon cable.

Starting up X-Pro430 Flash Programmer

To start the *FlashPro430*, *ChainPro430* or *GangPro430* Flash Programmer click on the related Flash Programmer icon.