USER’S MANUAL
USB TO Serial Adapter

1. Introduction
Congratulations on your purchase of the USB-Serial adapter. This device provides a simple and easy way to connect Universal Serial Bus (USB) and Serial port interface.

With the advantage of USB port, users have the capability to utilize the peripheral with serial port interface in an easy to use environment such as plug and play & hot swap function. This adapter is designed for ideal connections to Cellular Phone, Digital Camera, Modems or ISDN terminal adapter with over 120k bps data transfer rate.

The USB-Serial adapter and software drivers are capable of providing a no-firmware-change feature that enable USB interface to be transparent to serial port peripherals with minimum modifications.

2. Package Content
Hardware:
- USB-Serial adapter, USB type A to type B cable

Software:
- USB-Serial driver on CD-ROM

3. Product Features
- USB Specification Rev. 1.1 compliant
- Support the RS232 Serial interface
- Over 120k bps data transfer rate
- Support remote wake-up and power management

4. System Requirements
PC
- IBM PC 486DX4-100 MHz or higher or compatible system
- Available USB port
- CD-ROM drive

MAC
- Power G3, G4, or I-Mac
- Available USB port
- CD-ROM drive
- Mac OS 8 & 9 & 10.1~10.4(Tiger)
5. Windows® 98&ME Installation

Before you start installing the driver, please don’t plug your USB TO Serial Adapter into the USB port of your computer.

Follow the steps below to install Windows® 98 or Windows® ME driver

5.1 Turn on the power of computer and make sure the USB port is enabled and can working properly.

5.2 Insert the driver of USB-SERIAL ADAPTER into CD-ROM drive. Select “Install Products - USB-SERIAL ADAPTER - Install”.

5.3 Select the “Next” to install.

5.4 Click on “Finish” to end this installation.

5.5 Plug in the USB TO Serial Adapter into the USB port. Windows® will detect an USB Device. Your new hardware is installed and ready to use.
6. Driver Installation (WIN2000)

Before you start installing the driver, please don’t plug your USB TO Serial Adapter into the USB port of your computer.

Follow the steps below to install Windows® 2000 driver

6.1 Turn on the power of computer and make sure the USB port is enabled and can working properly.

6.2 Insert the driver of USB-SERIAL ADAPTER into CD-ROM drive. Select “Install Products - USB-SERIAL ADAPTER - Install”.

6.3 Select the “Next” to install.

6.4 Click on “Finish” to end this installation.

6.5 Plug in the USB TO Serial Adapter into the USB port.
   Windows® will detect an USB Device. Your new hardware is installed and ready to use.
7. Driver Installation (WINXP)

Before you start installing the driver, please Don’t plug your USB TO Serial Adapter into the USB port of your computer.

Follow the steps below to install Windows® XP driver

7.1 Turn on the power of computer and make sure the USB port is enabled and can working properly.

7.2 Insert the driver of **USB-Serial Adapter** into CD-ROM drive.
    Select “Install Products - USB-Serial Adapter - Install”.

7.3 Select the “Next” to install.

7.4 Click on “Finish” to end this installation.

7.5 Plug in the **USB TO Serial Adapter** into the USB port.
    Windows® will detect an USB Device. Your new hardware is installed and ready to use.
8. Driver Installation (MAC)

8.1 Driver Installation (MAC OS X)

8.1.1 Power on your computer and make sure that USB port is enabled and working properly.

8.1.2 Insert the USB adapter software driver into CD-ROM driver.

8.1.3 Click "USB-SERIAL ADAPTER\DRIVER\MAC\OS_X" folder run on "PL2303_1.2.1r2.dmg", it will auto run the program and appear "PL2303 driver" folder in the desktop.

8.1.4 Click on "PL2303 driver" folder, execute "USBSerialOSX1.0.9b6.pkg" will auto install, you may change the driver directory that you want to install.

8.1.5 System will demand restart computer.

8.1.6 Plug in the USB-Serial adapter into USB port.

8.1.7 To make sure that your computer can use the device, you have check the "Apple System Profile"-"Device and Volumes".

   It will show the USB Device. It will show in USB port "USB-Serial Controller".

8.2 Driver Installation (MAC OS 8&9)

8.2.1 Power on your computer and make sure that USB port is enabled and working properly.

8.2.2 Insert the USB adapter software driver into CD-ROM driver.

8.2.3 Click "USB-SERIAL ADAPTER\DRIVER\MAC\OS_89" run on "PL2303_OS9_v136b1.hqx", it will auto run the program and appear "ProlificUSBSerial" file.

8.2.4 Copy "ProlificUSBSerial" file into "system folder"-"Extension".

8.2.5 Plug in the USB-Serial adapter into USB port.

8.2.6 To make sure that your computer can use the device, you have check the "Apple System Profile"-"Device and Volumes".

   It will show the USB Device. It will show in USB port "USB-Serial Controller". Follow the steps below to install driver of USB-Serial adapter:
9. Uninstalling the Driver Program (MAC)

If you want to remove the USB-Serial adapter driver program, you can uninstall it by following the steps below:

9.1 Unplug the USB-Serial adapter from your PC.

9.2 Remove the “PL-2303 system extensions” into the trashcan then reboot your computer.

10. Setting Up the RS232 Serial Device

Follow the steps below to connect your RS232 Serial Device (i.e.: Modem) to the USB port of your PC:

10.1 Turn off your Modem. Plug the DB 9 connector of the USB-Serial adapter into your Modem. Connect the other end of the USB-Serial adapter to an USB type A to type B cable. Turn on the Modem afterwards.

10.2 Turn on your computer and plug in the USB connector of the USB-Serial adapter into the USB port.

10.3 If you have already installed a Modem device before, click Start, Settings, and Modems. Open Modems Properties, select the Modem, and click Properties. In General tab, please change the Port value to USB to Serial Port (COM3).

10.4 After finishing these processes, you can use USB to Serial Bridge Cable to connect RS232 Serial 56K FAX Modem and execute the Dial-up function to connect Internet, and send the FAX with the FAX software (i.e.: Microsoft FAX) properly.
11. **Trouble Shooting**

If you can successful install the driver but cannot use the USB-Serial Adapter with connect the other device:

Go to the **Control Panel-System-Device Manager** and check the **COM (COM&LPT)**, if you cannot see this item:

11.1 Please check the **BIOS setting → I/O configure setting → Onboard serial port 1**, choose the setting is enabled and choose the value. Then return to the windows and check it again.

11.2 Go to the **Control Panel → Add New Hardware**, following the step and choose the hardware from the list, select the **Ports(COM&LPT)** and following the step to install the driver that is needed. *(In this process you may need to put the WINDOWS CD into the CD-ROM drive.)*

12. **Disclaimer**

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13. **FCC Statement**

This device generates and uses radio frequency and may cause interference to radio and television reception if not installed and used properly. This has been tested and found to comply with the limits of a Class B computing device in accordance with the specifications in Part 15 of FCC Rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by plugging the device in and out, the user can to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the computer into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.