Installation Manual
USB-Modem

Issue 2

CE

Texecom
www.texe.com

1   Introduction

The *USB-Modem* has been specifically designed for use with Wintex UDL software and a PC to allow trouble free uploading/downloading with *Premier* control panels.
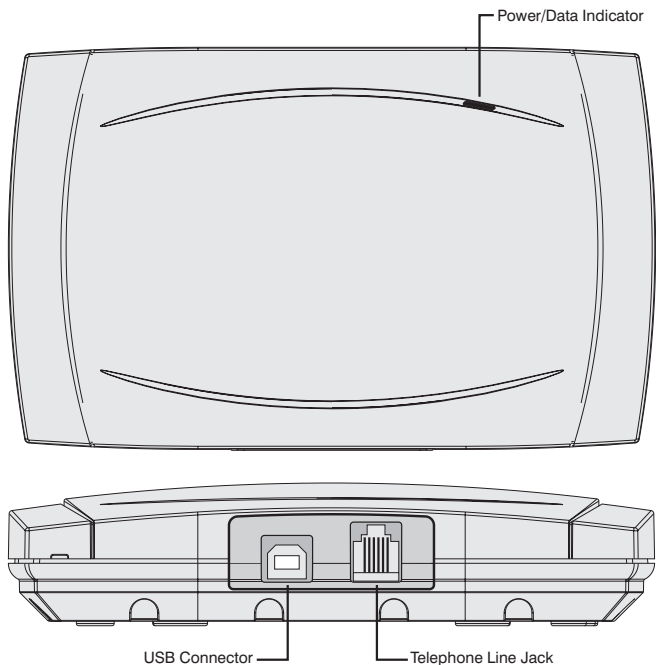
System Requirements

The following are the minimum requirements required for the *USB-Modem* to work properly with your computer:

• 133 MHz or faster Intel® Pentium® or AMD® processor

• 10 MB free hard disk space

• 16 MB RAM (32 MB or higher recommended)

• Microsoft® Windows® 98 Second Edition (SE), Windows 2000, Windows Millennium Edition (ME), Windows XP or Windows Vista

• DVD/CD-ROM drive for modem software installation

USB-Modem Layout

The *USB-Modem* has only two connectors, one, the USB Connector, and two, the Telephone Line Jack. No extra power connector is needed as the unit is a USB-powered device that draws power from the computer's USB port.

Figure 1. *USB-Modem* Indicators and Connectors

Telephone Line Jack: Connect the telephone supplied into this socket and plug the other end into a telephone wall socket.

USB Connector: Connect the smaller end of the supplied USB cable into the USB Connector. Connect the other end into one of the computer's USB ports.

Power/Data Indicator: This indicator is lit when the *USB-Modem* is powered from the USB port. The indicator flickers when the *USB-Modem* is sending or receiving data.

2   Installation

USB Driver Installation

The *USB-Modem* requires a driver to be installed onto the computer before it can be used. The *USB-Modem* uses the same driver as the *USB-Com*, the driver can be found on the Wintex CD in the **D:\USB-Com** folder or alternatively it can be downloaded from the Texecom web site **www.texe.com**.

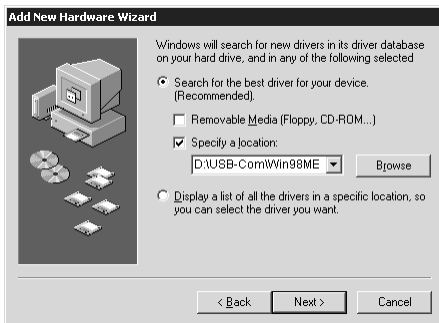If you are already using a *USB-Com* with the computer then driver will already be installed and you can skip steps 2 - 7.

➤ **Windows 98SE and Windows ME**

   1) Connect the *USB-Modem* into a USB port on the PC. Turn on your computer to allow the Operating System to detect the *USB-Modem*.

   2) When detected the **Add New Hardware Wizard** screen appears:

   3) If you are using the drivers from the Wintex CD insert the CD into your DVD/CD-ROM drive. Then click the **Specify the location of the driver (Advanced)** option and click the **Next** button.

   4) Click the **Specify a location** check box. Then, click the **Browse** button to locate the driver files in **D:\USB-Com\Win98ME** (where D: represents your DVD/CD-ROM drive). Ensure that the **Removable Media (Floppy, CD-ROM…)** check box is not selected:
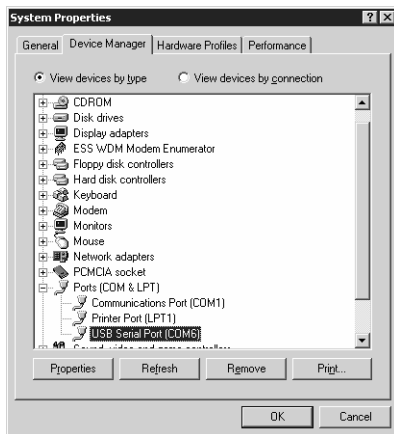
5) Click the **Next** button, the following screen appears:

6) Click the **Next** button, the following screen appears:

Add New Hardware Wizard

USB High Speed Serial Converter

Windows has finished installing the new hardware device.
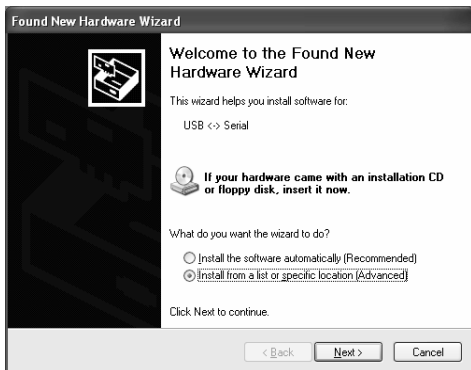
< Back   Finish   Cancel

7) Click the **Finish** button to complete the *USB-Modem* installation.

8) The *USB-Modem* will be assigned a virtual com port, to find out which port number has been assigned to the *USB-Modem*, open the **Device Manager** (press the ⊞ +**Break** on your keyboard) and expand the **Ports (COM & LPT)** option. You should see the **USB Serial Port** and its com port number, COM6 in the example below:
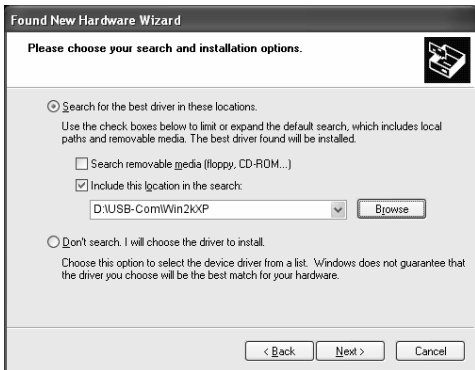

System Properties   ? ×

General Device Manager Hardware Profiles Performance

● View devices by type   ○ View devices by connection

⊞ 🖳 CDROM
⊞ 🖳 Disk drives
⊞ 🖳 Display adapters
⊞ 📣 ESS WDM Modem Enumerator
⊞ 🖺 Floppy disk controllers
⊞ 🖾 Hard disk controllers
⊞ 🖼 Keyboard
⊞ 🖳 Modem
⊞ 🖳 Monitors
⊞ 🖰 Mouse
⊞ 🖳 Network adapters
⊞ 🖳 PCMCIA socket
⊟ 🖳 Ports (COM & LPT)
   🖊 Communications Port (COM1)
   🖊 Printer Port (LPT1)
   🖊 USB Serial Port (COM6)
⊞ 🖳 Sound, video and game controllers

Properties   Refresh   Remove   Print...

OK   Cancel

9) The *USB-Modem* is now installed and ready for use with Wintex UDL software, see Configuring Wintex Software.

➤ **Windows XP and Windows 2000**

1) Connect the *USB-Modem* into a USB port on the PC. Turn on your computer to allow the Operating System to detect *USB-Modem*.

2) When detected the **Found New Hardware Wizard** screen appears:

3) If you are using the driver from the Wintex CD insert the CD into your CD-ROM/DVD drive. Then click the **Install from a list or specific location (Advanced)** option and click the **Next** button.

4) Click the **Include this location in the search** check box. Then, click the **Browse** button to locate the driver files in **D:\USB-Com\Win2kXP** (where D: represents your DVD/CD-ROM drive). Ensure that the **Search removable Media (Floppy, CD-ROM…)** check box is not selected:

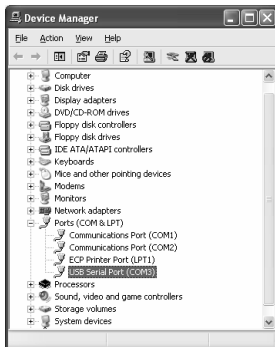**5)** Click the **Next** button, the following screen appears:

6) Click the **Finish** button to complete the USB High Speed Serial Converter installation.

7) After a short delay the **Found New Hardware Wizard** screen will appear again:

Found New Hardware Wizard

Welcome to the Found New Hardware Wizard

This wizard helps you install software for:

USB Serial Port

> 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.

[< Back] [Next >] [Cancel]

8) Repeat steps 4 to 7 to install the USB Serial Port driver.

9) The *USB-Modem* will be assigned a virtual com port, to find out which port number has been assigned to the *USB-Modem*, open the **Device Manager** (press the ⊞ +**Break** on your keyboard) and expand the **Ports (COM & LPT)** option. You should see the **USB Serial Port** and its com port number, COM3 in the example below:
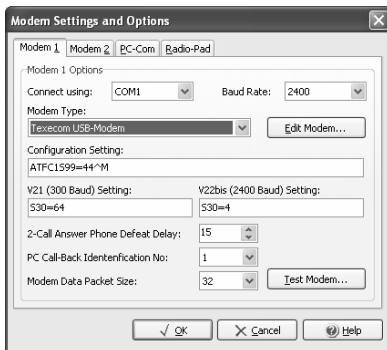

10) The *USB-Modem* is now installed and ready for use with Wintex UDL software, see Configuring Wintex Software.

3   Configuring Wintex Software

Once the USB driver is installed you need to configure Wintex software to the same port that was assigned by the virtual com port driver:

➤ **Wintex UDL (V5.3)**

1)   Run *Wintex* and open the **Modem Settings & Options** screen by pressing **CTRL+M** on the keyboard:

2)   In the **Modem 1 or 2 Options** section set the com port to the same number that was assigned by the USB driver, e.g. COM3.

3)   Click on the **Modem Type** drop down list and select **Texecom USB Modem** from the list.

4)   Click on the **OK** button. *Wintex* is now ready for use.

The *USB-Modem* can be configured for use with earlier releases of Wintex. In order to do so, you need to create two modem driver entries in Wintex, one for use with the *Com-300* and one for use with the *Com-2400*:

Com-300 Configuration Setting: **ATFC99=44S30=64^M***

Com-2400 Configuration Setting: **ATFC99=44S30=4^M***

4   Specifications

Electrical

Operating Voltage: 5V$_{DC}$

Current Consumption: 30mA

Modem: V21, V22, V22bis

Dialling Formats: Pulse or DTMF

REN: 1.0

Telecommunication Standards: CTR21

Environmental

Operating Temperature: -10°C to +55°C

Maximum Humidity: 95% non-condensing

Physical

Dimensions: 145mm x 90mm x 30mm

Material: Polycarbonate

Packed Weight: 150g

Standards

$$C\epsilon$$

The *USB-Modem* conforms to European Union (EU) Low Voltage Directive (LVD) 73/23/EEC (amended by 93/68/EEC) and Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

The CE mark indicates that this product complies with the European requirements for safety, health, environment and customer protection.

Warranty

All Texecom products are designed for reliable, trouble free operation. Quality is carefully monitored by extensive computerised testing. As a result the *USB-Modem* is covered by a two-year warranty against defects in materials or workmanship.

Due to our policy of continuous improvements Texecom reserve the right to change specification without prior notice.

Premier is a trademark of Texecom Ltd.