Installation Manual USB-Modem

Issue 2

CE



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

- 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:

Add New Hardware Wizard		
* * * * * * * * * * * * * * * * * * *	Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected (Recommended).	
	< Back Next > Cancel	

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

Add New Hardware Wizard		
Add New Hardware Wiza	rd Windows driver file search for the device: USB High Speed Serial Converter Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.	
	Coolinad:	
	< <u>B</u> ack Next > Cancel	

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



- 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 IB + 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
C View devices by type C View devices by connection
CDROM Disk drives
⊕- ⊕ Display adapters ⊕-
E-∰ Floppy disk controllers → ∰ Hard disk controllers
E Contraction Contraction
Monitors
Betwork adapters
Prote (COM & LPT)
Communications Port (LDM I) Py Printer Port (LPT1) UTS Seriel Port (LPT1)
48
Properties Refresh Remove Print
OK Cancel

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

► Windows XP and Windows 2000

- 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 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:

Found New Hardware Wizard		
Please choose your search and installation options.		
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.		
Search removable media (floppy, CD-ROM)		
Include this location in the search:		
D:\USB-Com\Win2KXP V Browse		
O Don't search. I will choose the driver to install.		
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.		
(<u>₿</u> ack) <u>N</u> ext > Cancel		

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

Found New Hardware Wizard		
	Completing the Found New Hardware Wizard	
	The wizard has finished installing the software for:	
	Converter USB High Speed Serial Converter	
	Click Finish to close the wizard.	
	< Back Finish Cancel	

- 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:



- 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 IB + 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:



 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)

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

Modem Settings and Options	\mathbf{X}		
Modem 1 Modem 2 PC-Com Radio	Pad		
Modem 1 Options			
Connect using: COM1 🛩	Baud Rate: 2400 🗸		
Modern Type:			
Texecom USB-Modem	Edit Modem		
Configuration Setting:			
ATFC1599=44^M			
V21 (300 Baud) Setting:	V22bis (2400 Baud) Setting:		
530=64	530=4		
2-Call Answer Phone Defeat Delay:	15 🗘		
PC Call-Back Identenfication No:	1 ~		
Modem Data Packet Size:	32 ¥ Iest Modem		
V QK X Cancel () Help			

- 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.
- 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: Current Consumption: Modem: Dialling Formats: REN: Telecommunication Standards:

Environmental

Operating Temperature: Maximum Humidity:

Physical

Dimensions: Material: Packed Weight:

Standards

5Vbc 30mA V21, V22, V22bis Pulse or DTMF 1.0 CTR21

-10°C to +55°C 95% non-condensing

145mm x 90mm x 30mm Polycarbonate 150g

CE

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.

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