

56K USB Modem

Easy Start

Version 1.0

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- Product warranty does not apply to damage caused by lightning, power surges or wrong voltage usage.
- This product is for use only in UL Listed computers.
- To reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.

WARNING

Before installing the Modem card ensure the PC is switched OFF and the mains cord removed. If servicing the Modem card ensure the PC is switched OFF, the mains cord unplugged and the Telecommunications Line cord is disconnected from the Modem Card.

EUROPEAN NETWORK COMPATIBILITY DECLARATION

This product is designed to interwork with the Public Switched Telecommunication Networks in UK, Ireland, Netherlands, Sweden, Denmark, Finland, Switzerland, Luxembourg, Belgium, France, Germany, Spain, Portugal, Iceland, Greece, Italy, Norway and Austria.

The equipment may have interworking difficulties in PSTN networks in other countries. Please contact your equipment supplier if it is desired to use the equipment on another network.

Electrical Safety

Before installing this equipment you must ensure that the power drawn by this card, together with the host and any auxiliary cards drawing power from the host, is within the rating of the host power supply.

The equipment must be installed such that with the exception of the connections to the host, clearance and creepage distances shown in the table below are maintained between the card and any other assemblies that use or generate a voltage shown in the table.

The larger distance shown in brackets applies where the local environment within the host is subject to conductive pollution or dry non-conductive pollution which could become conductive due to condensation. Failure to maintain these minimum distances would invalidate the approval.

| Clearance | Creepage (mm) | Voltage used or Generated by Host or Other Cards |
|-----------|---------------|--|
| 2.0 | 2.4 (3.8) | Up to 50 Vrms or Vdc |
| 2.6 | 3.0 (4.8) | Up to 125 Vrms or Vdc |
| 4.0 | 5.0 (8.0) | Up to 250 Vrms or Vdc |
| 4.0 | 6.4 (10.0) | Up to 300 Vrms or Vdc |

The analogue telecommunications interface is intended to be connected to telecommunication network voltage (TNV) circuits which may carry dangerous voltages. The telephone cord must remain disconnected from the telecommunications system until the card has been installed within a host which provides the necessary protection of the operator.

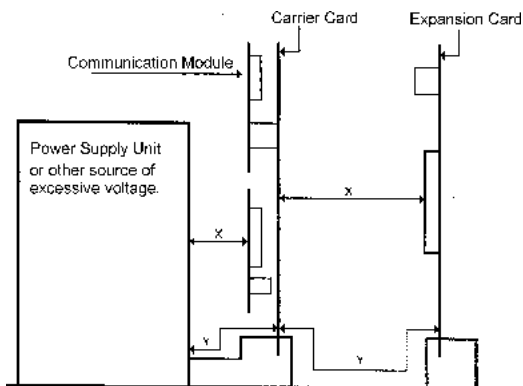
If it is subsequently desired to open the host equipment for any reason, the telephone cord must be disconnected prior to effecting access to any internal parts which may carry telecommunication network voltages.

Safety level of the various connectors:

- Telephone Line Connector = TNV3
- PCI connector = SELV

These indications are classified as per safety standards EN60950/A4:

- TNV3: Telecommunications Network Voltage
- SELV: Safety Extra Low Voltage



Except for the edge connector which plugs into the host's expansion slot, clearance distance (Xmm) and creepage distance (Ymm) as given in the above table, must be maintained between the communication card and any other assemblies which use or generate a hazardous voltage.

PAN EUROPEAN APPROVAL REGULATORY NOTE

The equipment has been approved under CTR21. For such product, the following statement is required:

"This equipment has been approved in accordance with Council Decision 98/482/EC for Pan European single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN network termination point.

In the event of problems, you should contact your equipment supplier in the first instance"

Network Compatibility Declaration

This product is designed to interwork with the Public Switched Telecommunication Networks in UK, Ireland, Netherlands, Sweden, Denmark, Finland, Switzerland, Luxembourg, Belgium, France, Germany, Spain, Portugal, Iceland, Greece, Italy, Norway and Austria.

NEW ZEALAND TELECOM WARNINGS

General

"The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services."

"This equipment does not fully meet Telecom's impedance requirements. Performance limitations may occur when used in conjunction with some parts of the network. Telecom will accept no responsibility should difficulties arise in such circumstances."

"This equipment shall not be set up to make automatic calls to the Telecom '111' Emergency Service."

"If a charge for local calls is unacceptable, the 'Dial' button should NOT be used for local calls. Only the 7-digits of the local number should be dialled from your telephone. DO NOT dial the area code digit or the '0' prefix."

"This equipment may not provide for the effective hand-over of a call to another device connected to the same line."

Important Notice

Under power failure conditions, this telephone may not operate. Please ensure that a separate telephone, not dependent on local power, is available for emergency use."

"Some parameters required for compliance with Telecom's Telepermit requirements are dependent on the equipment (PC) associated with this device. The associated equipment shall be set to operate within the following limits for compliance with Telecom's Specification :-

1. (a) There shall be no more than 10 call attempts to the same number within any 30 minute period for any single manual call initiation, and
- (b) The equipment shall go on-hook for a period of not less than 30 seconds between the end of one attempt and the beginning of the next attempt.
2. Where automatic calls are made to different numbers, the equipment shall go on-line for a period of not less than 5 seconds between the end of one attempt and the beginning of the next attempt.
3. The equipment shall be set to ensure that calls are answered between 3 and 30 seconds of receipt of ringing."

"All persons using this device for recording telephone conversations shall comply with New Zealand law. This requires that at least one party to the conversation is to be aware that it is being recorded. In addition, the Principles enumerated in the Privacy Act 1993 shall be complied with in respect to the nature of the personal information collected, the purpose for its collection, how it is used and what is disclosed to any other party."



- Keep the modem away from fluid, direct sunlight and excessive heat.
- During times of lightning strike/thunderstorm, do not use the modem.

About this Easy Start

This booklet contains information on setting up your 56K USB Modem. It touches on the key installation procedures and allows you to setup your modem within minutes!



On commonly asked questions or for problems encountered during the setting up / running of your modem, please refer to the **Frequently Asked Questions & Troubleshooting Guide** located in the **Manuals** folder on your Installation CD.

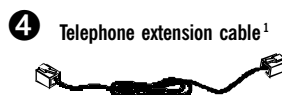
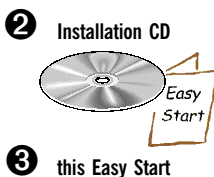
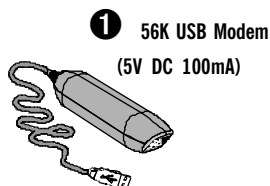
Minimum System Requirements

- Pentium® MMX 233MHz
- A free USB Port
- A CD-ROM Drive
- 32MB RAM for Windows® 98 Second Edition
64MB RAM for Windows® Me
128MB RAM for Windows® 2000 / Windows® XP
- Host Operating Systems support for USB:
Windows® 98 Second Edition / Windows® 2000 / Windows® Me / Windows® XP

Package

For any missing items, please contact your dealer immediately.

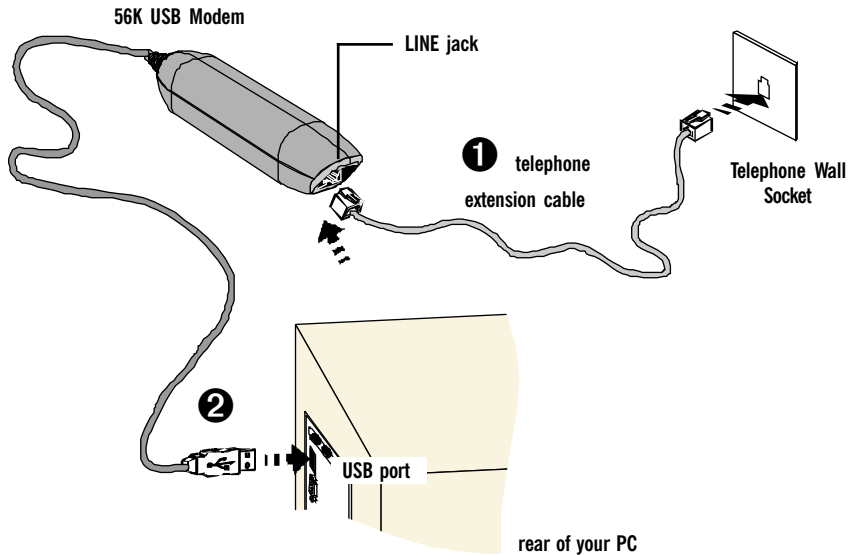
(The actual cables that come with your package may differ in appearance from country to country)




¹ The optional telephone extension cable used for this modem is a UL Listed Communication Circuit Accessory, minimum 26AWG.

Step 1: Connecting the Modem to Your Computer

The 56K USB Modem is a 'plug-n-play' device. You may connect your modem to your computer anytime without having to power down your system. Connect as follow and your Windows will immediately detect the new hardware and prompt for its driver.



- 1 Connect one end of the **telephone extension cable** to the **LINE jack** on **Modem** and the other end to your **Telephone Wall Socket**.
- 2 Connect the **USB cable**  of the Modem to the **USB port** on your computer.

This completes the modem connections. Please proceed to **Step 2**.



The screen captures illustrated in this guide are included for your easy installation. The exact screens or screens information you see on your system may vary, depending on your system configurations. **For any dissimilarities, follow closely to the instructions prompted on your screen.**

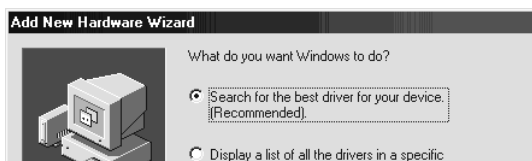
Step 2: Installing Your Modem Driver

2.1 Installing Your Modem Driver - For Windows® 98 Second Edition

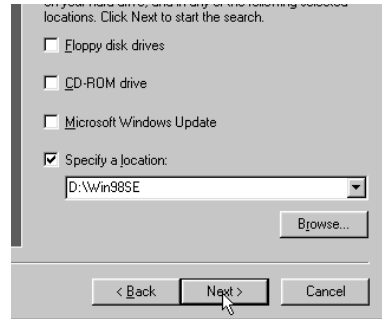
- i If your modem is connected as illustrated in [Step 1](#), you will be prompted for the modem driver.



- ii Place the **Installation CD** into your CD-ROM Drive and click **Next**.
- iii Click the option **Search for the best driver for your device. (Recommended)**. and click **Next**.



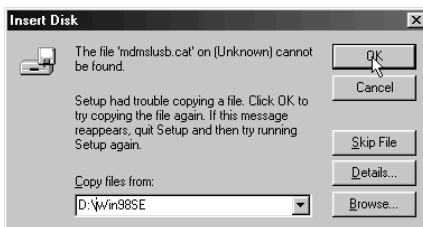
- iv Click **Specify a location**.
Click **Browse**.
Navigate to the '**win98se**' folder on the
Installation CD. Click **OK**.
Click **Next** to proceed.
(The screen shot uses the CD-ROM drive letter
D as an example. You should see the letter of
your CD-ROM drive.)



- v Windows will prompt that it has located the driver. Click **Next** to proceed.
- vi Click **Finish** to complete the driver installation.



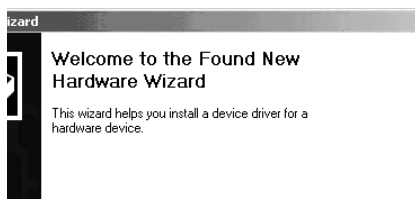
- vii At the prompt for missing files, click **Browse** and navigate to the '**win98se**' folder of the
Installation CD on your CD-ROM drive.
Click **OK**.



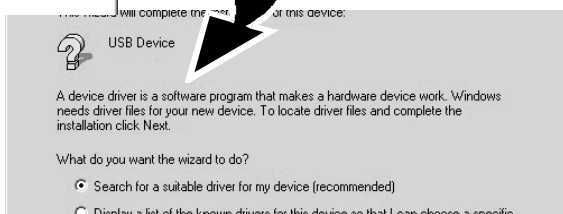
Windows will start copying the required files. This completes your modem driver installation in Windows® 98 Second Edition.

2.2 Installing Your Modem Driver - For Windows® 2000

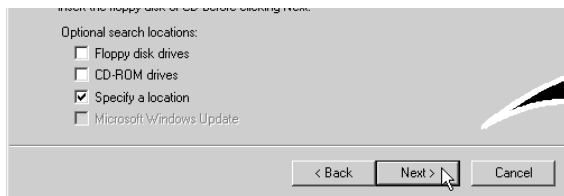
- i If your modem is connected as illustrated in [Step 1](#), you will be prompted for the modem driver.
- ii Place the **Installation CD** into your CD-ROM Drive and click **Next**.



- iii Click **Search for a suitable driver for my device. (recommended).** and click **Next**.



- iv Click **Specify a location** and click **Next**.



- v Click **Browse**. Navigate to the 'win2000' folder on your Installation CD.

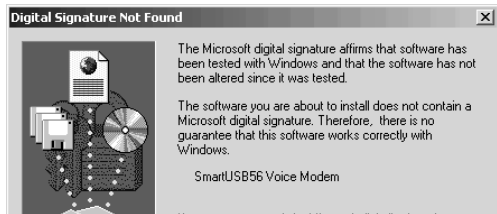


Click **OK**.

(The screen shot uses the CD-ROM drive letter **D** as an example. You should see the letter of your CD-ROM drive.)

- vi Windows will prompt that it has located the driver. Click **Next** to proceed.

- vii You may be prompted with **Digital Signature Not Found** dialog box. This happens when Windows detected a newer version of the modem driver. Click **Yes** to proceed.



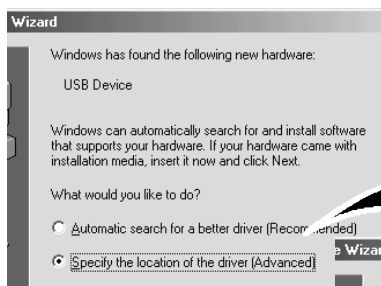
- vii Click **Finish** to complete the software installation.



This completes your modem driver installation in Windows® 2000.

2.3 Installing Your Modem Driver - For Windows® Me

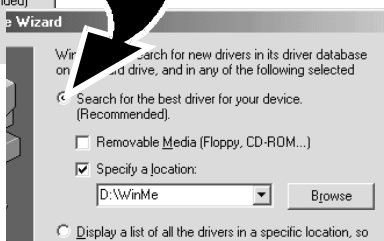
- i If your modem is connected as illustrated in [Step 1](#), you will be prompted for the modem driver.
- ii Place the **Installation CD** into your CD-ROM Drive and click **Next**.
- iii Click **Specify the location of the driver** and click **Next**.



- iv Click **Specify a location**.

Click **Browse**. Navigate to the '**winMe**' folder on the Installation CD and click **OK**.

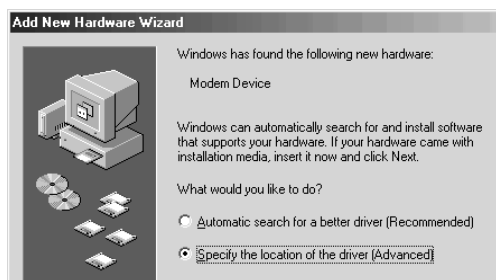
Click **Next** to proceed.



- v Windows will prompt that it has located the driver. Click **Next** to proceed.
- vi Click **Finish** to proceed with the second stage of installation.



- vii At the following prompt, click **Specify the location of the driver** again and click **Next**.



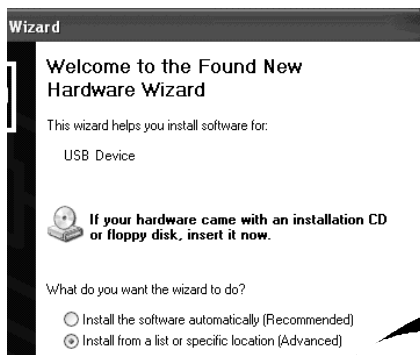
- viii Repeat step **iv** and **v**.
- ix Click **Finish** to complete the software installation.



This completes your modem driver installation in Windows® Me.

2.4 Installing Your Modem Driver - For Windows® XP

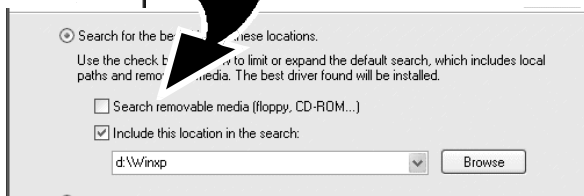
- i If your modem is connected as illustrated in [Step 1](#), you will be prompted for the modem driver.
- ii Place the **Installation CD** into your CD-ROM Drive and click **Next**.
- iii Click **Install from a list or specific location** and click **Next**.



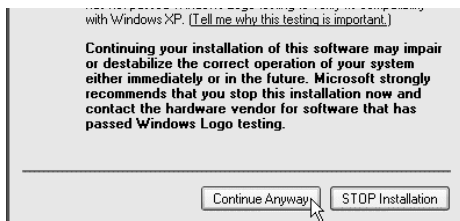
- iv Click **Include this location in the search**.

Click **Browse**. Navigate to the **\winXP** folder on the Installation CD and click **OK**.

Click **Next** to proceed.



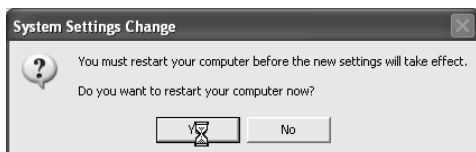
- v Windows will prompt that it has located the driver. Click **Next** to proceed.
- vi You may be prompted with **Hardware Installation** warning dialog box. This happens when Windows detected a newer version of the modem driver. Click **Continue Anyway** to proceed.



- vii Click **Finish** to complete the software installation.



- viii You will be prompted to restart your computer. Click **Yes**.



This completes your modem driver installation in Windows® XP.

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