PCMCIA
Fax Modem 56K

Quick Installation Guide

(Except for this English version of Quick Installation Guide, a multi-language user guide including **French**, **Dutch**, **Italian**, **Spanish**, **Sweden** and **German** is also provided within the PCMCIA Fax Modem 56K compact disc.)

FCC REGULATORY STATEMENTS

FCC Part 68 Registration

This device complies with FCC Part 68 rules, and the use of this device is subject to the following restrictions:

1. The FCC has established rules which permit this device to be directly connected to the telephone network. Standardized jacks are used for these connections. This equipment should not be used on party lines or coin phones.

2. If this device is malfunctioning, it may also be causing harm to the telephone network; this device should be disconnected until the source of the problem can be determined and until repair has been made. If this is not done, the telephone company may temporarily disconnect service.

3. The telephone company may make changes in it's facilities, equipment, operation and procedures; if such changes affect the compatibility or use of this device, the telephone company is required to give adequate notice of the situation with the FCC.

4. If the telephone company requests information on what equipment is connected to their lines, inform them of:

a. The telephone number to which this unit is connected.

b. The Ringer Equivalence Number (REN).

c. The USOC jack required.

d. The FCC Registration number.

Items (b) and (d) are indicated on the label. The Ringer Equivalence Number (REN) is used to determine how many devices can be connected to your telephone line. In most areas, the sum of the REN's of all the devices on any one line should not exceed 5.0. If too many devices are attached, they may not ring properly.

FCC Part 15 Registration

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and

can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

CTR 21 pan-European Certification
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.

This device is designed to work with the notified networks in all EC member states. Nevertheless, some of the network services in invidual countries might not be supported, but they will not affect the normal data and fax applications. For example, the metering charge service in Germany. Besides you may encounter difficulty of using PULSE dialing function in some of the countries, such as Nordic countries. This kind of network compatibility is dependent on the physical and software settings of this device. If the users are desired to use this device on those networks, they should contact the vendor or supplier first.

INTRODUCTION

This PCMCIA Fax Modem 56K is a credit-card-size Type II PC card that complies with the PCMCIA 2.1 standards.

The PCMCIA Fax Modem 56K is Bell, ITU-T (formerly CCITT) compliant and Hayes AT command compatible, so that it can be used worldwide with today's popular communication software programs. You will be able to send and receive faxes to/from any Group 3 compatible fax machine. Using standard phone lines, the data communication functions of the modem will enable you to successfully hook up to the Internet, transmit E-mail, send and receive information and communicate with other PCs, Bulletin Board Services (BBS) or computer networks such as Compuserve

Specifications

Data:
> K56flex, V.90, V.34bis, V.34, V.32bis, V.32, V.22bis, V.22, and V.21, Bell 212A and Bell 103

Fax:
> V.17, V.29, V.27ter, and V.21 channel 2
> Group 3 send and receive facsimile

Error Correction:
> V.42 and MNP 2-4

Data Compression:
> V.42bis and MNP 5

Communication software compatible commands:
> Hayes compatible enhanced "AT" command set
> Fax Service Class 1 commands
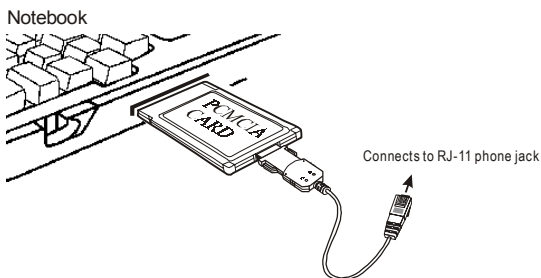
Built-in DTE interface:

DTE speed up to 115,200 bps
16C550 UART interface

System Requirements

- A notebook or desktop computer with PCMCIA type II or III slot.
- A telephone line with RJ-11 jack.
- A CD-ROM drive.
- Windows 95, 98 or Windows NT pre-installed.

HARDWARE INSTALLATION

1. Locate the PCMCIA slot of your system.
2. Align the PCMCIA FAX MODEM 56K PC Card toward the PCMCIA slot. Push evenly and steadily until it is seated.

3. Connect the other end of the PC Card cable to the telephone line outlet.
4. You are now ready to continue the software installation.

   For Windows NT does not support "Hot Insert/Remove", be sure to complete the hardware installation as described above before you start Windows NT and software installation.
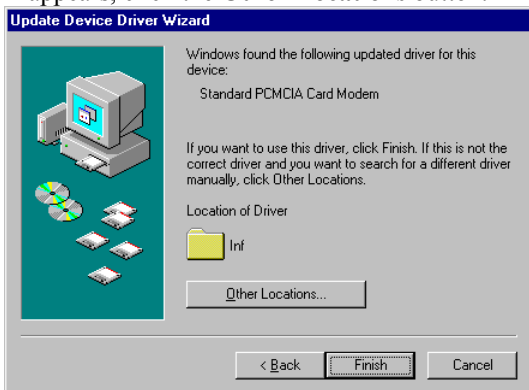
SOFTWARE INSTALLATION

Installation for Windows 95

1. As soon as the PCMCIA Fax Modem 56K PC is inserted into the PCMCIA slot, Windows automatically detects the new hardware device and prompts the following message.
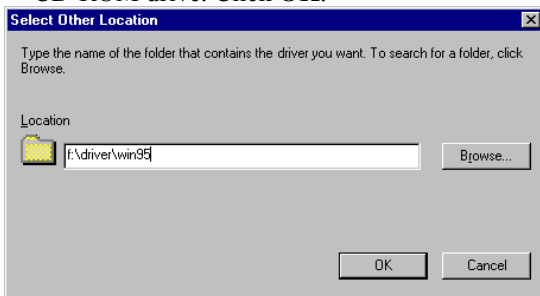

2. Insert the device driver compact disc into your CD-ROM drive. When the following dialog box appears, click the **Other Locations** button.

3. Type the CD-ROM drive letter followed by **driver\win95.** Or you may click the **Browse**
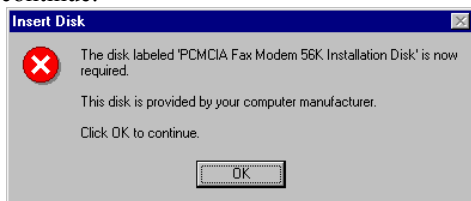
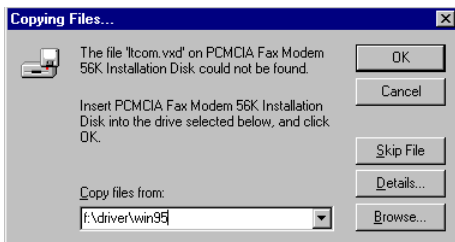button to select the **driver\win95** folder in your CD-ROM drive. Click **OK**.

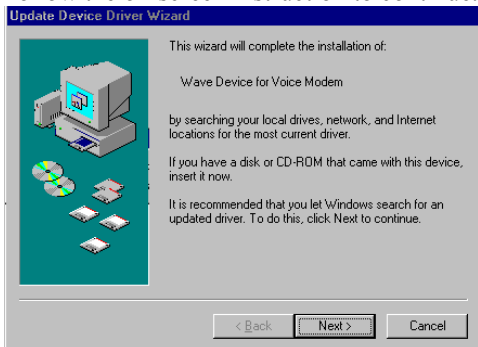4. When the following figure appears, click **Finish.** The Installation program will continue.

5. When the following figure appears, click **OK** to continue.

6. Repeat Step 3 as described above.

Copying Files...

The file 'ltcom.vxd' on PCMCIA Fax Modem 56K Installation Disk could not be found.

Insert PCMCIA Fax Modem 56K Installation Disk into the drive selected below, and click OK.

Copy files from:

f:\driver\win95

OK | Cancel | Skip File | Details... | Browse...

7. Follow the on-screen instruction to continue.

Update Device Driver Wizard

This wizard will complete the installation of:

Wave Device for Voice Modem

by searching your local drives, network, and Internet locations for the most current driver.

If you have a disk or CD-ROM that came with this device, insert it now.

It is recommended that you let Windows search for an updated driver. To do this, click Next to continue.

< Back | Next > | Cancel

8. When finished, press **Finish** to complete the installation. *Remember to restart Windows 95 to activate the new device.*

Update Device Driver Wizard

Windows found the following updated driver for this device:

Voice Modem Serial Wave Device

If you want to use this driver, click Finish. If this is not the correct driver and you want to search for a different driver manually, click Other Locations.

Location of Driver

Other Locations...

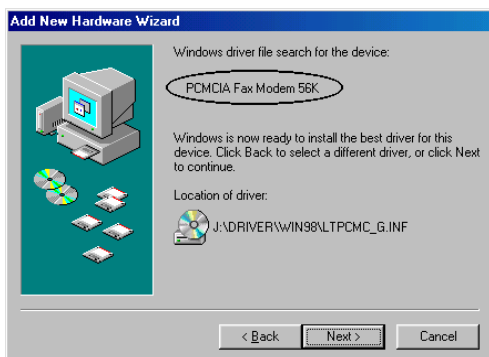< Back | Finish | Cancel

Installation for Windows 98

1. As soon as the PCMCIA Fax Modem 56K PC is inserted into the PCMCIA slot, Windows automatically detects the new hardware device and the following message will be prompted.

2. Insert the device driver compact disc into your CD-ROM drive. When the following dialog box appears, click **Next**.

3. Select **Specify a location** when the following figure appears. Enter the CD-ROM drive letter followed by **driver\win98**. Click **Next**. Or you may click the **Browse** button to select the **driver\win98** folder in your CD-ROM drive.

4. When the following figure appears, click **Finish.**
   The Installation program will continue.
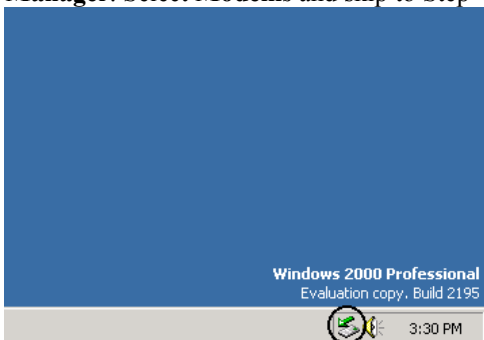
5. Follow the on-screen instruction to proceed.

6. The installation program will proceed automatically. Click **Finish** to complete the installation.
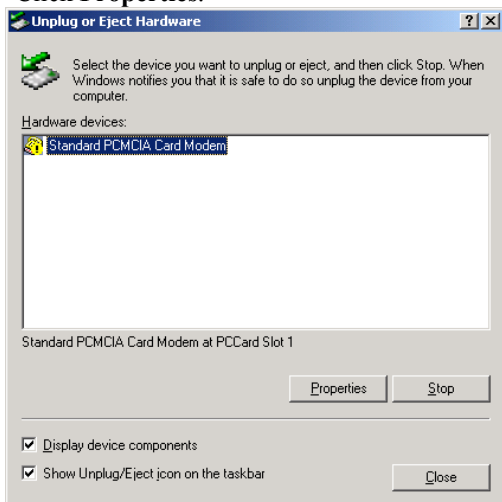

Installation for Windows 2000

1. Once the PCMCIA Fax Modem 56K PC Card is plugged into your PCMCIA slot, Windows will prompt you a standard PCMCIA Card Modem has been installed and ask you if you want to restart your computer. Select **No**.
2. Double-click the small icon at the right bottom on your screen as illustrated below. If the icon
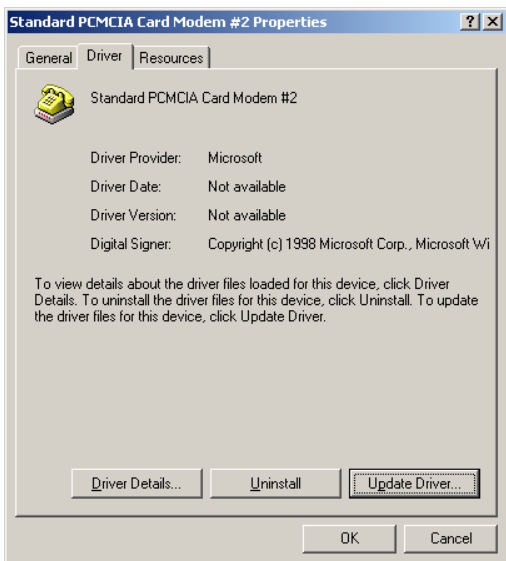
does not appear at all, go to **My Computer**→ **Control Panel**→ **System**→**Hardware**→**Device Manager**. Select **Modems** and skip to Step 4.
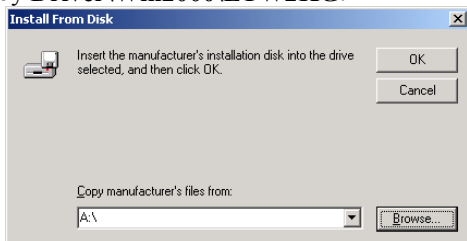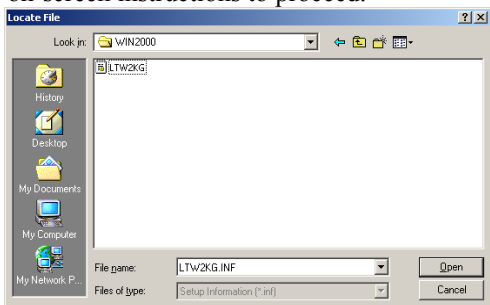

3. Click **Properties**.

4. Select the **Driver** tab. Click the **Update Driver…**button.

Standard PCMCIA Card Modem #2 Properties

General | **Driver** | **Resources**

Standard PCMCIA Card Modem #2

Driver Provider: Microsoft

Driver Date: Not available

Driver Version: Not available

Digital Signer: Copyright (c) 1998 Microsoft Corp., Microsoft Wi

To view details about the driver files loaded for this device, click Driver Details. To uninstall the driver files for this device, click Uninstall. To update the driver files for this device, click Update Driver.

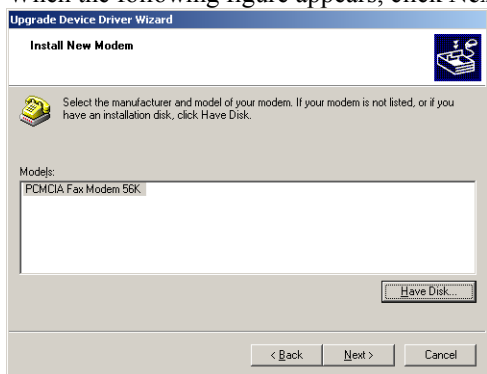Driver Details... | Uninstall | Update Driver...

OK | Cancel

5. Click **Next** to continue.
6. Select **Display a list of the known drivers for this device so that I can choose a specific driver**. And click **Next**.
7. Click **Have Disk** when the **Update Device Driver Wizard** dialog appears.
8. Load the CD that contains the device driver has into your CD drive. Click **Browse** and direct the proper file location with the disk drive followed by **Driver\Win2000\LTW2KG**.

Install From Disk

Insert the manufacturer's installation disk into the drive selected, and then click OK.

OK | Cancel

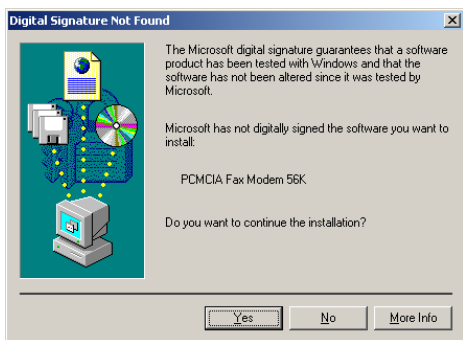Copy manufacturer's files from:

A:\ | Browse...

9. Select **LTW2KG**, and click **Open**. Follow the on-screen instructions to proceed.

10. When the following figure appears, click **Next**.

11. When Windows prompt you to continue the installation. Select **Yes**.

12. Remember to restart your computer to activate this new device.

Installation for Windows NT

1. Before you start Windows NT, make sure the PCMCIA Fax Modem 56K PC Card has been properly inserted into the free PCMCIA slot of your computer.
2. Load the device driver compact disk in the CD-ROM drive.
3. Start Windows NT.
4. Go to **My Computer**.

5. Click the CD-ROM drive. Click the **driver\winnt** folder. Or you may click the **Browse** button to select the CD-ROM drive and the **driver\winnt** folder.
6. Double-click **setup.exe**. The installation program will proceed automatically.

Note: If Softex or Card Wizard was already installed in your system, Windows will appear message for PC Card malfunctioning. Ignore this message and install the WinNT driver. Remember to reboot after the installation.