USB V.90 FAX/MODEM

Quick Installation Guide

M73-APO08-380

FCC REGULATORY STATEMENTS

The United States Federal Communication Commission (FCC) and the Canadian Department of Communications have established certain rules governing the use of modems and other electronic equipment.

FCC Part 68 Registration

This high speed USB 56K FAX/MODEM complies with FCC Part 68 rules, and the use of this modem 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.
- 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 device complies with Part 15 of FCC rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interface, and
- This device must accept any interface received, including interface that may cause undesired operation.

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:

- (1) Reorient or relocate the receiving antenna.
 - (a) Increase the distance between the equipment and

receiver

(b) Connect the equipment into an outlet on a circuit

different from that to which the receiver is connected.

(2) 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 individual 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.

Introductions

The USB V.90 Fax/Modem is fully compatible with the Universal Serial Bus functionality built in Windows 98/2000/ME/XP. Installation is easy and no external power is required. You can now enjoy the advantage of all the benefits offered with USB technology. Providing the fastest possible Internet access up to 56K, the USB V.90 Fax/Modem is faster than any other conventional Fax/Modem.

System Requirements

- A Pentium[®] processor-based personal computer 166MMX or above.
- At least 16 MB of RAM.
- An USB port.
- Microsoft Windows 98/2000/ME/XP.
- A CD-ROM drive.

Parts Names and Functions

① **USB connection cable:** connects the USB host port to the USB V.90 FAX/MODEM.



② USB-B: USB device port.

③ LINE jack: connects to the phone line.

④ OH LED indicator: glows when it is in online status.

S Ready LED indicator: glows when the device is well installed.

⑥ Rx/Tx LED indicator: blinks when the USB V.90 Fax/Modem is transmitting/receiving data.

HARDWARE INSTALLATION

- Locate the USB host port of your system. Align the USB connector toward the USB host port. Push evenly and steadily until it is seated.
- Connect the other end of the USB connection cable to the device port (USB B) of the USB V.90 Fax/Modem until it clicks.
- 3. Connect your phone line to the LINE jack.

Software Installation

Installation for Windows 98

- 1. When the USB V.90 Fax/Modem is well connected to your computer, Windows 98 will automatically detect the new device. Click Next.
- 2. Select Search for a suitable driver for my device (recommended) and click Next.



 Insert the device driver compact disc into the CD-ROM drive and select Specify a location. Click Browse button and select the drive where you load the device driver (for example: E:\WIN98). Click Next. Windows

will start searching for the appropriate driver for the software installation.

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 locations. Click Next Starthe search. Cpppy disk drives CpFROM drive Microsoft Windows Update Specity a jocation: E(WIN98
	<back next=""> Cancel</back>

4. Click Next.

Add New Hardware Wizard	
	Windows driver file search for the device:
	USB Device of USB V.90 FAX MODEM
	Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
💊 📚 💧	Location of driver:
	E:\WIN98\ST7554.INF
Ť	
	Cancel

- 5. Click **Finish.** The software installation is successfully complete.
- 6. When the following dialog box appears, select the country/location where you are, and click **Enable PBX.** Click **OK.**

odem Country Selection	
Country:	
CTR21EUROPE	-
Software Version :	Ver2.79.08
✓ Enable PBX	
difficulty connecting	
<u></u> K	

7. When finished, restart your computer to activate the new device.

Installation for Windows 2000

- 1. When the USB V.90 Fax/Modem is well connected to your computer, Windows 2000 will automatically detect the new device. Click Next.
- 2. Select Search for a suitable driver for my device (recommended) and click Next.

Found New Hardware Wizard	
Install Hardware Device Drivers A device driver is a software program that enables a hardware device to work with an operating system.	
This wizard will complete the installation for this device: USB Device A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next. What do you want the wizard to do? Seach for a suitable driver for my device [recommended]	
C Display a list of the known drivers for this device so that I can choose a specific driver < Back Next > Cancel	

3. Insert the new device driver compact disc into the CD-ROM drive. Select **Specify a location** and click **Next**.

Found New Hardware Wizard	
Locate Driver Files Where do you want Windows to search for driver files?	
Search for driver files for the following hardware device: USB Device The wicard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify. To start the search, click Next. If you are searching on a floppy disk or CD-RDM drive, incert the loopy disk of CD before clicking Next. Optional search locations: Deproy disk drives DR-RDM drives DR-RDM drives Microsoft/Windows Update	
< Back Next > Cancel	

 Click Browse button and select the drive where you load the device driver (for example: E:\WIN2K). Click OK. Windows will start searching for the appropriate driver for the software installation.



5. Click Next to continue.

Driver File: The wiz	s Search Results ard has finished searching for driver files for your hardware device.
₽	USB Device
	e tourna a driver for this device. To instant the driver windows found, click ivex.
	< <u>B</u> ack <u>Next</u> Cancel

6. Click Yes.



7. Click Finish.



- When Windows prompt you "Modem Country Selection", choose the country where you locate. Select the Enable PBX check box and click OK. The software installation is then complete.
- 9. The software installation is successfully complete.



Installation for Windows ME

1. When the USB V.90 Fax/Modem is well connected to your computer, Windows ME will automatically detect the new device. Select Specify the location of the driver (Advanced) and click Next.

Add New Hardware Wizard	
	Windows has found the following new hardware: USB Device Windows can automatically search for and install software that supports your hardware. If your hardware came with installation media, insert it now and click Next. What would you like to do? C Automatic search for a better driver (Recommended) C Specify the location of the driver (Advanced)
	< <u>B</u> ack Next > Cancel

 Load the device driver compact disc into the CD-ROM of your system and select Specify a location. Click the Browse button to select the drive where you load the device driver (for example: F:\WinME). Click Next.

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 Search for the best driver for your device. [Recommended]. Removable Media (Floppy, CD-ROM) Specify a Jocation: F:WinME Browse Display a fist of all the drivers in a specific location, so you can select the driver you want.
	< Back Next > Cancel

 Expect a minor delay for Windows to search for the appropriate driver for the device. Click Next.



4. Click **Finish.** The installation program will continue.



5. Select Specify the location of the driver (Advanced) and click Next.





7. Click Next.

Add New Hardware Wi	Add New Hardware Wizard	
	Windows driver file search for the device: USB V.90 FAX MODEM Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue. Location of driver: D:WINME\MDMSLUSB.INF	
	< Back Next> Cancel	
11.11 11.7		

 When Windows prompt you "Modem Country Selection", choose the country where you locate. Select the Enable PBX check box and click OK.

Modem Settings	
Country:	
CTR21EUROPE	
Software Version :	Ver2.84.00
🔽 Enable PBX	
	<u></u> hange
	<u>K</u>

9. Click **Finish** to complete the installation.

Add New Hardware Wizard	
	USB V.90 FAX MODEM
	K Back Finish Cancel

Installation for Windows XP

1. When the USB V.90 Fax/Modem is connected to your computer, Windows XP will automatically detect the new device. Select Install from a list or specific location (Advanced) and click Next.

Found New Hardware Wizard	
	Welcome to the Found New Hardware Wizard
	This wizard helps you install software for:
	USB Device
- And	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.
	< <u>Back</u> Next> Cancel

 Load the device driver compact disc into the CD-ROM of your system and select Include this location in the search. Click the **Browse** button to select the drive where you load the device driver (for example: **D:\WinXP**). Click **Next**.

	Found New Hardware Wizard	
Please	choose your search and installation options.	
0	earch for the best driver in these locations; is the check howes below to limit or exhand the default search, which includes local	
p	aths and removable media. The best driver found will be installed.	
	Search removable media (floppy, CD-ROM)	
	Include this location in the search:	
	D:/wmXb Blowse	
0	on't search. I will choose the driver to install.	
C	hoose this option to select the device driver from a list. Windows does not guarantee tha ne driver you choose will be the best match for your hardware.	
	< <u>B</u> ack Next> Cancel	
С	lick Continue Anyway.	
Hardwa	re Installation	
	The software you are installing for this hardware:	
	LISB V 90 FAX MODM	
	has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why this testing is important.</u>)	
	Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly	
	recommends that you stop this installation now and contact the hardware vendor for software that has	

- 4. Expect a minor delay for Windows to search for the appropriate driver for the device.
- 5. Click **Finish** to complete the software installation.

