56K V.90 Modem

TOPIC TP560i (x)/9922S14

User's Guide

FCC Requirements

This equipment complies with Part 68 of the FCC Rules. On the bottom of this equipment is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. IF REQUESTED. THIS INFORMATION MUST BE GIVEN TO THE TELEPHONE COMPANY.

The REN is useful to determine the quantity of devices you may connect to your telephone line and still have these entire devices ring when your telephone number is called in most. But not all areas the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line. As determined by the REN. You should contact your local telephone company to determine the maximum REN of the area you are calling from. If your telephone equipment causes harm to the telephone network. The Telephone Company may discontinue your service temporally. If possible, they will notify you in advance. But if the advanced notice is failed, you will be notified as soon as possible. You will be informed of your right to file a complaint with the FCC.

Your telephone company may change in its facilities, equipment, operations or procedures that could affect the proper functions of your equipment. If this occurs, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If you experience trouble with this telephone equipment, please contact the following address and phone number for information on obtaining service or repairs. The Telephone Company may ask you to disconnect this equipment from the network until the problem is solved or until that the equipment is not detected malfunctioning. This equipment may not be used on coin service provided by the Telephone Company. Connection to party lines is subject to state Tariffs.

Federal Communications Commission

Radio Frequency Interference Statement.

Note: This equipment has been tested and found to comply with the limitation for a lass B digital device pursuant to Part 15 of the FCC Rules. These restrictions are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the equipment does cause harmful interference to radio or television reception, which can be determine by tuning the equipment off and on, the user is suggested 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 and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio TV technician for help. Notices:

Notices

- (1) The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- (2) Shielded interface cables and AC power cord if any must be used in order to comply with the emission limits.

Notices to Australian users:

The modem card must only be used in a data terminal equipment (DTE) e.g. computer, that has

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a screw down cover (lid). As unsafe voltages (TNV) exist on the modem card, disconnect the modem card from the telephone line while the cover (lid) of the DTE (computer) is removed.

Installation of the modem card in a DTE (computer) which does not require a tool to open the cover (lid) will render the permit void.

Disconnect the telephone line before opening the cover (lid) of the DTE (computer). Do not connect the customer equipment to the telephone line while the cover (lid) of the DTE (computer) is open.

WARNING ONLY CONNECT EQUIPMENT WITH A TELECOMMUNICATIONS COMPLIANCE LABEL

WARNING FOR SAFETY REASONS, ONLY CONNECT EQUIPMENT WITH A TELECOMMUNICATIOS COMPLIANCE LABEL. THIS INCLUDES CUSTOMER EQUIPMENT PREVIOUSLY LABELLED PERMITTED OR CERTIFIED.

Modems connected to the Australian telecommunications network must be marked in accordance with the Labeling Notice. This modem has been specifically configured to ensure compliance with the ACA Standards. Do not adjust your modem or software outside the values indicated as below. To do so would result in your modem being operated in a non-compliant manner.

Modem Commands:

Command	Default	Permissible Range
ATA	-	Do not use
ATB	B0	Do not set to B1
AT&G	&G0	&G2
AT&P	&P0	&P1
ATSn	see table below	
<u>S register</u>	<u>Default</u>	Permissible Range
s6	2	2 to 6

Call Attempts/Retries:

Applications software shall be configured so that no more than 3 attempts are made to establish a connection to a given number (Note: if the modem can detect service tones, up to 10 attempts can be made). If the call sequence is unsuccessful, there shall be a delay of at least 30 minutes before attempting to call the number again.

Failure to set the modem and any application software used with the modem, to the values shown as above will result in the modem being operated in a non-compliant manner. Consequently, this would be in violation of the Labeling Notice for this equipment, and the

Telecommunications ACT 1997 prescribes penalties for the connection of non-compliant equipment.

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Chapter 1 Introduction

1.1 Introduction

Thank you for selecting the 56k V.90 modem with TOPIC chipset manufactured by Well Communication Co. This modem with TOPIC chipset is a hardware modem that uses the state-of-the-art single chip and Silicon DAA design. Besides, it has the advantages of high quality, high reliability, more compact and low cost. This modem with Topic chipset is compatible with current Windows 95, 98, NT 4.0/5.0, DOS and Linux operation systems because of its independent OS. Moreover, it follows the V.90 standard, so you can surf the Internet at 56K speed, but it depends on the condition of the telephone line and the ISP you connected to. We truly hope that our series products with TOPIC chipset can meet your needs.

1.2 What's in the Package

- 56K V.90 Modem with TOPIC Chipset
- CD-ROM (Comprises Application Software, Modem Drivers and User's Guide)
- Quick Guide for Installing Modem Drivers
- Phone Cord
- RS-232 (For External Modem Only)
- Power Adapter (For External Modem Only)

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Chapter 2 Specifications

Specifications:

Chipset (Internal type)	TOPIC TP560i/9922S14
Chipset (External type)	TOPIC TP560x/9922S14
Line Connection	PSTN, 2 Wires
Data Transmission Rate	ITU-T V.90
	56000/33600/28800/14400/9600/7200/4800/2400/
	1200/300 bps BELL 103 and BELL 212A
Fax Compatibility	Send/Receive G3 Fax, 14400/9600/4800 bps
Error Correction	MNP 2-4/V.42 LAPM
Data Compression	MNP 5/V.42 bis
Command Set	Enhanced "AT" Command, Fax Class 1
Communication Model	Asynchronous
DTE Speed (MAX)	115,200 bps
Transmit Level	$-11(\pm 1 dBm)$
Flow Control	XON/XOFF
	RTS/CTS
Dialing Mode	Touch Tone / Rotary Pulse (Countries depend)
Auto Dial & Auto Answer	YES
Noted Features	NVRAM Directory and Stored Profile,
	Speed Buffering, Auto Format/Speed sensing
	Auto Retrain
Telephone Interface	PSTN Line through RJ-11
Card Dimension	12.2mm*7.5mm*1.6mm
Applicable PTT Approval	Countries depend
Safety	FCC,CE

Features

TOPIC single chip solution

Surf the Internet at blazing 56K speed

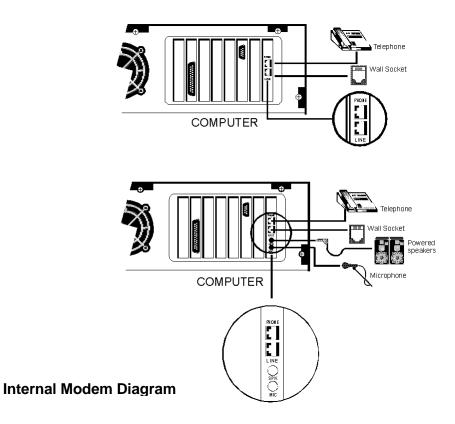
Independent OS – Compatible with Linux, DOS, Windows 95/98, Win NT4.0/5.0

Fully software upgradable

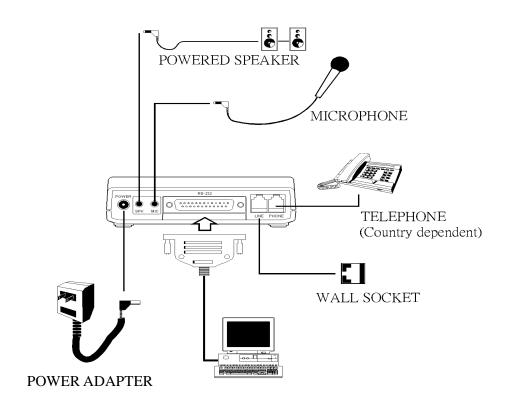
Chapter 3 Hardware Installation

Note: If you use the External modem, Please go to step 4 directly.

- 1. Remove the computer's case.
- 2. Insert the modem card into a spare PCI expansion slot.
- 3. Close the case.
- 4.Unplug the telephone from the wall socket, then plug the telephone into the socket on the back of the modem marked "PHONE".
- 5.Plug the telephone cord supplied into the socket on the back of the modem marked "LINE".
- 6.Plug the other end of the cord into the wall socket.







External Modem Diagram

Chapter 4 Software Installation

Power on your computer and modem and start Windows 95/98. Windows 95/98 will detect the modem automatically.

Note: The figures shown in this manual are based on the Internal modem.

4.1 In Windows 95B(OS2)

4.1.1 Please insert the driver CD supplied when you see the message of "PCI Communication Device" appearing on the screen, then click "Next" to search for the driver. (If you use the External modem, you will see the message as "Topic 56k External Data Fax Voice Modem" appearing.)



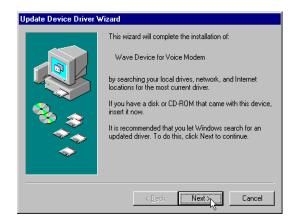
4.1.2 Windows has found the driver for "Topic 56k Data Fax Voice Modem", click

"finish" to install the driver.



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4.1.3 Windows will continue installing the "**Wave Device for Voice Modem**", click "**Next**" to start searching for the driver.



4.1.4 Windows has found the driver for the "**Voice Modem Serial Wave Device**", click "**finish**" to complete the installation and end this procedure.

Update Device Driver \	₩izard
	Windows found the following updated driver for this device: Voice Modern 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

4.2 In Windows 98

4.2.1 Please insert the driver CD supplied when you see the message of "**PCI**

Communication Device", then click "**Next**" to search for the driver. (If you use the External modem, you will see the message as "**Topic 56k External Data Fax Voice Modem**" appearing.)

Add New Hardware Wiz	ard
	This wizard searches for new drivers for:
	PCI Communication Device
	A device driver is a software program that makes a hardware device work.
8. S	
	Kack Next Cancel

4.2.2 Select the "Search for the best driver for your device. [Recommended]" and click "Next" to continue.



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4.2.3 Select the "**CD-ROM drive**" and click "**Next**" to start the search. Add New Hardware Wizard



- 4.2.4 Windows has found the driver for the "Topic 56k Data Fax Voice Modem",
 - click "Next" to start the installation.



4.2.5 This installation has been done, click "**Finish**" to continue installing Voice Modem.

Add New Hardware Wiz	ard
	Topic 56k Data Fax Voice Modem
	Windows has finished installing the software that your new hardware device requires.
1	
	< Back Finish Cancel

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4.2.6 When you see the message of "**Wave Device for Voice Modem**', click "**Next**" to search the driver.



4.2.7 Select the "Search for the best driver for your device. [Recommended]" and click "Next" to continue.

Add New Hardware Wi	zard
	What do you want Windows to do? Search for the best driver for your device. [Recommended]. Display a list of all the drivers in a specific location, so you can select the driver you want.
	< Back Next > Cancel

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4.2.8 Select the "**CD-ROM drive**" and click "**Next**" to start the search. Add New Hardware Wizard



- 4.2.9 Windows has found the driver for the "Voice Modem Serial Wave Device",
 - click "Next" to start the installation.

Add New Hardware Wizard	
	Vindows driver file search for the device: Voice Modern Serial Wave Device Vindows is now ready to install the best driver for this evice. Click Back to select a different driver, or click Next o continue. ocation of driver: COM E:\TOPWAVE.INF
	< <u>B</u> ack Next > Cancel

4.2.10 This installation has been done, click "**Finish**" to end this procedure.

	Voice Modern Serial Wave Device
	Windows has finished installing the software that your new hardware device requires.
ی 😵	
	< Back Finish Cancel

4.3 In Windows NT4.0

4.3.1 Please go to **"Start>Run"**, and type **"I:\NT40\Setport.exe"** to setup the serial port which rescource setting matches with internal PCI modem (I is the letter of CD-ROM drive). Then click **"OK"**



4.3.2 Then, after the serial port is setup, click "OK".

erial Port Setup		<u> </u>		<u> </u>
The following Topic PC	3 modems	are installed or	n this cor	nputer.
Modem	Port	IO Address	IRQ	Enabled
飅 Topic 56K PCI Modem	COM1	E800	11	yes
ОК		Car	ncel	J

4.3.3 Click "Restart Now" to restart Windows NT to take the new settings effect.



4.3.4 Please go to "Start>My Computer>Control Panel", then double click on



4.3.5 Select "Don't detect my modem; I will select it from a list.", then click



4.3.6 Click "Have Disk.." to install from the installation disk.

Install New Modelli	
Click the manufacturer and i or if you have an installation	nodel of your modern. If your modern is not listed, disk, click Have Disk.
(VoiceView Modern Types) Sta 3x Sta Accer Sta Allron Sta	els H-Up Networking Serial Cable between 2 PCs indard 300 bps Modem indard 1200 bps Modem indard 9600 bps Modem indard 14400 bps Modem indard 1400 bps Modem indard 19200 bns Modem Have Disk
	< <u>B</u> ack <u>N</u> ext > Cancel

4.3.7 Insert the driver CD supplied and click "**OK**" to continue.

Install Fro	om Disk	×
_	Insett the manufacturer's installation disk into the drive selected, and then click OK.	Cancel
	Copy manufacturer's files from: E:\N14.0	Browse

4.3.8 Select "Topic 56K Internal (or External) FAXModem" from the list of

Models, then click "Next" to continue.

nstall N	ew Modem					
٩	Click the manufa or if you have ar				ur moderr	is not listed,
	56k External FAXt 56k External FAXt		cel			
Topic	56k Internal FAXM 56k Internal FAXM	lodem	<i>.</i>			
I					<u>H</u>	ave Disk
			< <u>B</u> ack	<u>N</u> ext	<u>`</u>	Cancel

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4.3.9 Select "Selected ports" and then click "Next" to start installing the selected modem.

	You have selected the following modem: Topic 56k Internal FAXModem
	On which ports do you want to install it?
	O All ports
	Selected ports
	Сом1
	COM2
l I	

4.3.10 The modem has been set up, click "Finish" to complete the installation.



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4.3.11 Click "Close" to end this procedure as you see the Topic 56k Internal (or External) FAXModem has set on COM2.

Modems Properties 🛛 ? 🗙
General
The following modems are set up on this computer:
Modem Attached To
Topic 56k Internal FAXModem COM2
Add <u>R</u> emove <u>Properties</u>
Dialing Preferences
Dialing from: New Location
Use Dialing Properties to modify how your calls are dialed.
Dialing Properties
Close Cancel

4.3.12 Click "**Yes**" to configure the **Dial-Up Networking** for the new installed modem.



4.3.13 Click "Add..." to add the modem.

Remote Ac	cess Setup		×
Port	Device	Туре	
			Continue
			Cancel
			<u>N</u> etwork
			Help
	<u>R</u> emove	Configure	

4.3.14 Select "COM2-Topic 56K Internal (or External) FAXModem" for RAS

Capable Devices, then click "OK" to confirm the settings.



4.3.15 Click "Configure.." to configure port usage.



4.3.16 Select "**Dial out only**" for Port Usage and click "**OK**" to confirm the settings.



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4.3.17 Click "Network" to configure the network. Remote Access Setup



4.3.18 Select "**TCP/IP**" for **Dial out Protocols** and click "**OK**" to confirm the settings.

Network Configuration	×
Dial out Protocols: ■ <u>Net8EUI</u> ■ ICP/IP ■ IPX	OK Cancel <u>H</u> elp

4.3.19 Click "**Continue**" to complete the setup.

Remote Access	: Setup			×
Port	Device	Туре		
COM2	Topic 56k Internal	FAXModem Modem (u	nimodem)	Continue
				Cancel
				Network
				Help
<u>A</u> dd	<u>R</u> emove <u>C</u> or	nfigure Cļone		

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4.3.20 Dial-Up Networking was installed successfully, click "Restart" to take the new settings effect.



4.3.21 Select the country/region where you located, set the area (or city) code and select the phone system you' re using. Then click "Close" to complete the settings n Infe for Locatio

> The phone system at this location uses: ● <u>I</u>one dialing ○ <u>P</u>ulse dialing

enter the following

•

Close

tion Information.	
Location Information	
	Your modem has been installed. Please enter the followin so that your calls can be dialed correctly. What country/region are you in now? United States of America What area (or city) gode are you in now? [0]
	If you dial a number to access an outside line, what is it?

4.3.22 Click "**OK**" to add an entry for the phonebook.

Dial-Up	Networking 🛛 🗙
٩	The phonebook is empty. Press OK to add an entry.
	OK

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4.3.23 You may use the name provided or enter a different one for the new

phonebook entry, then click "Next" to continue. New Phonebook Entry Wizard



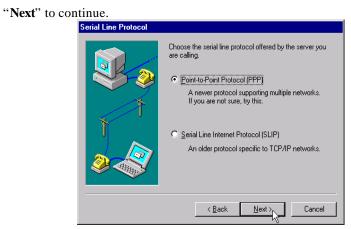
4.3.24 Select the third option of "**The non-Windows NT server I am calling ...**" for the **Server**, then click "**Next**" to continue.

Server
Check all that apply:
I am calling the Internet.
Send my plain text password if that's the only way
to connect.
If the non-Windows NT server I am calling expects
the to type login information after connecting, or to
know TCP/IP addresses before dialing.

4.3.25 Key in the phone number of the dial-up server provided by your local ISP, then

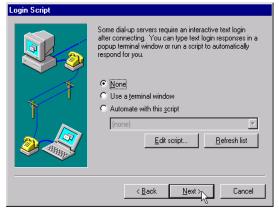


4.3.26 Select "Point-to-Point Protocol [PPP]" for Serial Line Protocol, then click



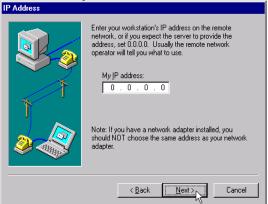
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4.3.27 Select "**None**" under normal condition, or consult with your local ISP for other choices, then click "**Next**" to continue.

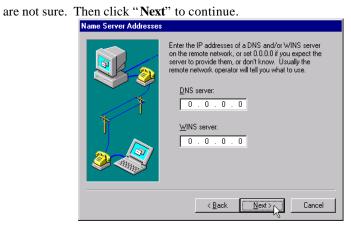


4.3.28 Enter your IP address if you have a fixed one or leave the value "0.0.0.0",

consult with your local ISP if you are not sure. Then click "Next" to continue.



4.3.29 Enter the IP addresses of a DNS and/or WINS server, or set "0.0.0.0" if you



4.3.30 Click "**Finish**" to save the settings.

New Phonebook Entry V	₩izard
	That's it. Press Finish to save 'MyDialUpServer'.
	<back finish<="" th=""></back>

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4.3.31 Click "More" and select "Edit entry and modem properties."..



4.3.32 Select "Topic 56k Internal (or External) FAXModem" from the list of Dial

using, then click "Configure" to configure the modem.

Edit Phonebool	Entry	? ×
Basic	Server Script Secu	rity X.25
Entry name:	MyDialUpServer	
Co <u>m</u> ment:		
Phone <u>n</u> umber		Alternates
Dial using:	Use Telephony dialing propertie Topic 56k Internal FAXModem (C0 Use another port if busy	
	OK	Cancel

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4.3.33 Select "**115200**" from the list of **Initial speed [bps]** and select all of the three options for **Hardware Features**, then click "**OK**" to confirm the settings.

Modem Configuration	? ×				
Topic 56k External F		2)			
Initial speed (bps): Hardware Features	115200 1200 2400				
Enable hardwa	9600 19200				
Enable modem	38400 57600 115200				
Disable modem <u>s</u> peaker					
OK Cancel					

4.3.34 Click on "Server" tab, then select "TCP/IP" for Network protocols, "Enable software compression" and "Enable PPP LCP extensions"

'Enable softw	are compression"	and	"Enable P	PP LCP	extensions"	,
	Edit Phonebook Entry				? ×	

cuit Phonebook	C Entry				· · ·
Basic	Server 🔓 🗌	Script	Security	1 :	×.25
Dial-up <u>s</u> erve					
PPP: Window	vs NT, Windows 95	Plus, Internet		•	
-Network pro	otocols				
	>	T <u>C</u> P/IF	≥Settings		
□ [PX/SP	∝ compatible				
□ <u>N</u> etBEU	ال				
Enable sot	ftware compression	\sim			
🔽 Enable PF	PLCP extensions)			
				_	
			ОК		Cancel

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4.3.35 Click on "Security" tab, then select "Accept any authentication including



4.3.36 Please go to "Start>My Computer>Dial-Up Networking", then click "Dial" to connect to.

Solution States	? ×
	Phonebook entry to dial:
	<u>N</u> ew <u>M</u> ore ▼
Ť	Phone number pre <u>v</u> iew: 412000
	Dialing fr <u>o</u> m:
	New Location

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4.3.37 Enter the user name and password, then click "**OK**" to get aconnection to your local ISP.



4.4 In Linux

With Internal Modem:

4.4.1 Manual mode:

4.4.1.1 Find file pci from path / proc, then use vi editor to find Topic vender ID "151f" and the I/O-address, IRQ-number that Linux assigns to Topic modem.

For example : cd / proc

vi pci -------Vendor id=151f. Device id=0. Medium devsel. IRQ=5. I/O at 0xe400 [0xe401]. (Then type **q** to quit **vi**)

4.4.1.2 Under path / dev, type setserial tty-number uart 16550A irq IRQ-number port I/O-address

For example: setserial ttyS2 uart 16550A irq 5 port 0xe400

4.4.1.3 Under path / **dev**, firstly, remove the default settings that the modem may linked to, and then link the modem to the **tty** that you assign on step 2.

For example: **rm modem**

1n –s ttyS2 modem

4.4.1.4 Now, you can use **minicom** to test the modem and type **ATI3** to check the type of this modem.

For example : minicom

ATI3

4.4.2 Automatic Mode

4.4.2.1 Copy topic.modem executable file to / bin

4.4.2.2 Copy script file rc.serial to /etc/rc.d

4.4.2.3 When you start Linux again, you may see the message of "Setup topic modem.." and it means working properly. If not, you can type topic.modem directly.

4.4.2.4 You can use **minicom** to test the modem.

With External Modem

4.4.3 For X window:

4.4.3.1 If your modem is connecting to **Com 1**, please go to:

Red Hat menu > administration > control panel > modem configuration > cua0

Note:(1) If your modem is set on Com2, change cua0 to cua1 and so on.

(2) Every different version of Linux may have a different little pop-up menu, so firstly, just try to find out where the **control panel** is.)

4.4.3.2 Now you can open an X terminal window and execute terminal program **minicom** to test the modem.

4.4.4 For Linux terminal modem:

4.4.4.1 Remove modem first: **rm /dev/modem**

4.4.4.2 Assign modem on Com 1: In -s /dev/cua0 /dev/modem

Note: If your modem is set on Com2, change cua0 to cua1 and so on.

4.4.4.3 Now you can execute terminal program **minicom** to test the modem.

4.5 In DOS:

Note: The methods of configuration and diagnostics only for Internal modem under DOS environment and they can't be executed under Windows DOS.

4.5.1 Configuration

- 4.5.1.1 The DOS will detect the Internal modem automatically when you start it. Then insert the driver CD supplied.
- 4.5.1.2 Run D:\ PCICFG.BAT directly (D is the letter of your CD-ROM drive) to go to the configuration screen. Meanwhile, the files will be copied to your C:\ drive automatically so that you don't need to insert the driver CD next time, just run PCICFG.EXE under C:\PCICFG directory.
- 4.5.1.3 Select the COM port where your modem is setting from the list of the COM Port and we recommend that you select the COM 3 first. The fixed values of the IO Base and IRQ Num will appear automatically, then press "Update Autoexec.bat" button to save the new settings and press "OK" or "Esc" to end the configuration. If failed, try COM 4, 2, 1 in the sequence. (Please referring to the following:)

COM Port	IO Base	IRQ Num	Remark
COM 3	Fixed Value	Fixed Value	
COM 4	Fixed Value	Fixed Value	
COM 2	Fixed Value	Fixed Value	Disable COM 2 in the BIOS first
COM 1	Fixed Value	Fixed Value	Disable COM 1 in the BIOS first
Others	Enter 3E8	Enter 5,7,9,11 or 12	

4.5.2 Diagnostics

- 4.5.2.1 Run PCICFG.EXE under C:\PCICFG directory to go to the configuration screen.
- 4.5.2.2 Press "Diagnose" to test the modem. If your modem is responding to AT commands and displaying the result of the Diagnosis Information, it means that your modem is working properly. Press "OK" to end this procedure.

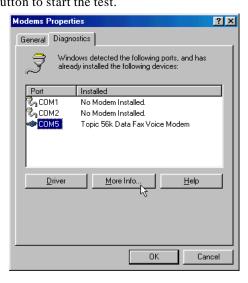
Chapter 5 Diagnostics in Windows 95/98

5.1 Please go to "Start > Settings > Control Panel" and double-click on the

"modems" icon.



5.2 To test the modem by clicking on the "Diagnostics" tab. Then select the COM Port where "Topic 56K Data Fax Voice Modem" is setting and click on the "More Info.." button to start the test.



5.3 If your modem is responding to AT commands and functioning correctly, it means that your modem is working properly. Click "**OK**" to end this procedure.

ž	ore Info	
	- Port Information	
	Port:	COM5
	Interrupt:	9
	Address:	1000
	UART:	NS 16550AN
	Highest Speer	d: 115K Baud
	– Topic 56k Data	Fax Voice Modem
	Identifier: 1	No hardware ID for this modem
	Command	Response
	ATI1	Internal Controller Ver1.20, CheckSum=0
	ATI2	TEST OK!
	ATI3	TP560 Data/Fax/Voice 56K Modem
	ATI4 ATI5	DSP Ver1.10 CheckSum=DABA United States
		0
	ATI6	0 Controller Ver1 20 Date: Oct 29 10:50
		0 Controller Ver1.20 Date: 0 ct 29 10:50 0,1,8
	ATI6 ATI7	Controller Ver1.20 Date: Oct 29 10:50

Chapter 6 Uninstalling Procedure

6.1 Please go to "Start > Settings > Control Panel" and double-click on the "modems" icon.



6.2 Select the "Topic Data Fax Voice Modem", then click "Remove".

Modems Properties				
General Diagnostics				
The following modems are set up on this computer:				
Topic 56k Data Fax Voice Modem				
Add Remove Properties				
Dialing preferences				
Dialing from: New Location				
Click Dialing Properties to modify how your calls are dialed.				
Dialing Properties				
OK Cancel				

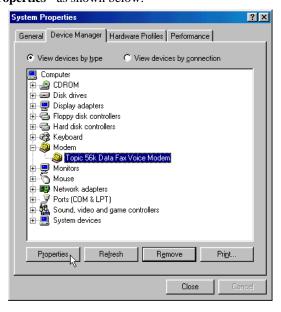
Chapter 7 Troubleshooting

If you failed to install your modem in Windows95/98

Make sure that the COM port and IRQ have been set correctly, and it does not conflict with another board installed in your computer.

Note: The following procedure is for Internal Modem only.

- 7.1 Please go to "Start > Settings > Control Panel" and double click on the
 - "system" icon. Select the "Device Manager" tab and double click on the
 - "modem" icon to call up the modem. Select "Topic 56K Data Voice Modem" and click "Properties" as shown below.



TOPIC chipset

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7.2 Select the "Resources" tab. Then disable the setting of "Use automatic settings". Continue selecting the setting from the list of "Setting based on" until "No conflicts" is shown on the Conflicting device list, then click "OK" to end this procedure.

Topic 56k Data Fax	Voice Modem	Properties	s ? 🗙			
General Distinctive Ring	Modem Forwarding	Co Driver	nnection Resources			
Se Topic 56k	Topic 56k Data Fax Voice Modem					
🔲 📙 se automatic se	ettings					
Setting <u>b</u> ased on:	Basic configuration	n 0000				
Resource type Interrupt Reques						
, Change Setting.						
Conflicting device lis	st:					
No conflicts.			×			
		ок _{Ко}	Cancel			