Hardware Installation for XI-300

To install XI-300 wireless LAN PCMCIA adapter, please follow these steps:

Step1: Insert the PCMCIA Adapter

- 1. Find an available Type II or Type III PCMCIA slot in your computer.
- 2. With the PCMCIA adapter's 68-pin connector facing the PCMCIA slot and its "XI-300 / PCMCIA" label facing up, slide the PCMCIA adapter completely into the PCMCIA slot.



Fig Insert the XI-300 into Notebook

NOTE: The PCMCIA slot allows "hot swap" of PCMCIA adapter. You may therefore insert or remove your XI-300 / PCMCIA adapter from the slot anytime, even when the power of your computer is on.

Step2: Setup PCMCIA Driver

Please check your PCMCIA driver to install LANEscape XI-300. Then, continue the installation steps - "Software Installation".

Setup LANEscape XI-300 for Windows 95 / 98

- 1. Insert the XI-300 PCMCIA adapter into a standard type II PCMCIA slot in your notebook.
- 2. Windows 95/98 will automatically detect the new hardware and will prompt you to install the driver needed.



3. Select "Search for the best driver for your device".

 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. 	 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. 	200	What do you want Windows to do?
location, so you can select the driver you want.	location, so you can select the driver you want.		 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.

4. Select the location of driver from "Floppy disk devices", insert the diskette labeled "LANEscape XI-300 Driver & Utility Diskette" into any 3 1/2 floppy drive in your computer and then click Next.

Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
< <u>B</u> ack Next > Cancel

5. Windows 95/98 found "LANEscape XI-300 PCMCIA Adapter", then click **Next**. and Set parameters for XI-300

LANEscape/XI300 PC Card(3V) Properties	? ×					
Advanced The following properties must adapter. Click the setting you then select its value on the rig	be set to use this net want to change on th ght.	work ve left, and					
Property:	Property: <u>V</u> alue:						
Fragmentation Threshold Infrastructure STA - Listen In Network Type Power Save Mode RTS Threshold SSID Transmit Rate Use Wep	2,432	×					
	OK	Cancel					

7.Click **Finish** to complete the hardware installation.



8. Restart the computer.

System 9	Settings Change 🛛 🕅
?	To finish setting up your new hardware, you must restart your computer. Do you want to restart your computer now?
	<u>Yes</u> <u>N</u> o

9. Open the **Control Panel** folder, double-click **System** and Adapters to see if there is any error message appears. If no, that means your XI-300 works well.

Fig. Check if XI-300 works properly.

- 1. Login as Administrator.
- 2. From the desktop, select **Control Panel**, double-click **Network**, go to the **Interface Card** tab, and then click the **Add** button.

Network	? ×
Identification Services Protocols Adapters Bindings	
Network Adapters:	
I] Novell NE 2000 Adapter	
Novell NE 2000 Adapter	
OK Car	icel

3. Windows NT will present a list of all its supported adapters. Select **OTHERS**, or click **Have Disk** to continue.

etwork Adapter	? ×
Click the Network Adapter that matches your hard click OK. If you have an installation disk for this co Have Disk.	ware, and then omponent, click
Adapter:	
m 3C508 ISA 16-bit Ethernet Adapter m Etherlink II Adapter (also II/16 and II/16 TP) m Etherlink III ISA/PCMCIA Adapter m EtherLink III PCI Bus-Master Adapter (3C590) m Etherlink16/EtherLink16 TP Adapter m East EtherLink PCI 10/100PASE T Adapter (3C59	JE)
	Have Disk
	Click the Network Adapter that matches your hard click OK. If you have an installation disk for this of Have Disk. Adapter: m 30508 ISA 16-bit Ethernet Adapter m Etherlink II Adapter (also II/16 and II/16 TP) m Etherlink III ISA/PCMCIA Adapter m Etherlink III ISA/PCMCIA Adapter m Etherlink III PCI Bus-Master Adapter (30590) m Etherlink16/EtherLink16 TP Adapter m Etherlink16/EtherLink16 TP Adapter m Etherlink16/EtherLink16 TP Adapter

 Windows NT will ask for the drive/path containing the LANEscape XI-300 Windows NT drivers. Insert the XI-300 Driver and Utility diskette into the floppy drive, and then type A:\

Insert Di	sk	×
F	Insert disk with software provided by the software or hardware manufacturer. If the files can be found at a different location, for example on another drive type a new path to the files below.	OK Cancel

5. Windows NT will attempt to locate an INF file in the specified path. If you have entered the path name correctly, Windows NT should copy the appropriate drivers to the Windows NT system. You need to recognize the selection.



6. A "LANEscape/XI-300 Wireless LAN Adapter Setup" dialog box will show up. Please select the "Default Channel" "Network Type" "RTS Threshold" and "ESSID" manually. Your XI-300 adapter will thereafter work on this configuration under Windows NT. Press OK to continue. 7. At this point, the drivers would have been properly copied and the installation would proceed to the next step --- "**Network Setup**".



8. Restart the system.



9. To ensure whether the XI-300 adapter works fine or not, go to **Control Panel** and Double-click **Devices** to check device.

Install Wireless LAN Utility for Windows 95/98

1. Insert LANEscape XI-300 Driver & Utility Diskette into floppy drive, and then execute A:\WLU\setup.exe



Fig. Step1 of Wireless LAN Utility setup.

Choose Destination Location		X
	Setup will install WLA Utility in the following folder. To install to this folder, click Next. To install to a different folder, click Browse and select another folder. You can choose not to install WLA Utility by clicking Cancel to exit Setup.	
Instal Whe	Destination Folder C:\Program Files\WLA Utility <u>Browse</u> < <u>Back</u> <u>Next></u> Cancel	

Fig. Step2 of Wireless LAN Utility setup.

Select Program Folder		X
	Setup will add program icons to the Program Folder listed below You may type a new folder name, or select one from the existing Folders list. Click Next to continue. Program Folders: WLA Utility Existing Folders: Adobe Acrobat	
InstallShald	Paint Shop Pro 5 Winarj95 Archiver WinPack WinRAR 2.0 WinZip WS_FTP Pro Ziff-Davis Benchmarks	
	< <u>B</u> ack <u>N</u> ext > Cancel	

Fig. Step3 of Wireless LAN Utility setup.

Fig. Step4 of Wireless LAN Utility setup.

gil Setap		_ D X
WLA Utility		
	21 2 Cancel	

Setup Complete	
	Setup has finished installing WLA Utility on your computer.
	Setup can launch the Read Me file and WLA Utility. Choose the options you want below.
	Click Finish to complete Setup.
	< Back Finish

Fig. Step5 of Wireless LAN Utility setup.

Navigating The LANEscape Utility

To set up your wireless network environment, please follow these steps:

Step : Configure the adapter - Select "Network Configuration" in the main menu screen and follow the instructions.

A. Main Menu

A LANEscape wireless LAN adapter hardware information window will show on the top of the screen (Fig 5.2) while Main Menu screen is displayed. In this window, you will see current adapter configuration information, that is, the MAC address, firmware version, frequency domain, BSS joined, current channel and ESS ID of the adapter that you installed in your notebook.

The Main Menu screen shows all main functions of the LANEscape Utility:

- □ [Network Configuration] LANEscape Utility provides a screen for you to configure parameters of the LANEscape wireless LAN adapter for your wireless network environment. upgrading the firmware in the wireless adapter.
- **[Exit]** End the execution of LANEscape Utility.

1.	Clic	k Star	t , j	point to Pr	ogra	ms and r	un WLA	Utility.		
м	Computer	Online Services								
My	Documents	Ce Internet Explorer								
	늷									
Γ	-	dows Update								
	Eros	pans	·	Accessories Chinteenet Explorer	:					
	🔹 Fgr	oikes	•	Driline Services	:					
	Dec 🖄	uments	•	StatUp	•					
	Set Set	ings	٠	SoliAP						
	💽 End	1	1	Windows Explorer Wireless LAN Usity						
	🧼 Hel	>	1							
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E	§Start Ø	82	2	💘 Paint Shop Pro					-3	1:36 PM

2. Main menu appears.



B.Network Configuration Screen

The Network Configuration screen allows you to check and modify current configuration of the LANEscape wireless LAN adapter. The user-configurable parameters are divided into several groups: ESSID, Network Type, RTS Threshold, Frag Threshold Use WEP, Power Save and Transmission Rate.

Fig. Network Configuration



B-1. ESS ID PARAMETERS

ESS ID: Input a digit ESS ID while the roaming feature is enabled ("ANY" is default setting). The ESS ID is the wireless network ID, which allows the XI-300 to join the Access Points set as of the same ESS ID.

B-2. NETWORK TYPE PARAMETERS

Station Operation Mode:Set the station operation mode to Ad-Hoc
(without Access Point) or Infrastructure (with
Access Point, default setting).

If you are using the XI-300 only for communication between PCs, choose **Ad-Hoc**. If you are using XI-300 to join the local area network infrastruce through Access Point, choose **Infrastructure**.

Ad-Hoc Default Channel: Select the channel number as your operating radio channel. Please note that the Ad-hoc network operates successfully only when all the XI-300s or other Network Interface Cards in the Ad-hoc network are set as in the same channel.

NOTE: If you have Lucent 11MB Access Point, You can use XI-300 to connect.

B-3. RTS Threshold

If you aren't concerned with the "Hidden Node Problem", please select the "Disable" item

B-4. Use WEP

If you require high security in transmission, please select the "Enable" item and set encryption key.

B-5. Power Save

If you always let your XI-300 work in wireless LAN long time, you may select the "Enable" item to make power management.

B-6. Transmit Rate

If you need your XI-300 to transmit in long distance or bad environment, you may adjust transmit rate to make the better performance.

NOTE: Because Zcom still test and modify this version, some parameter Zcom only provide demo and don't support customer to use. If customers want to get advance information and complete version, please contact Zcom sales Dept. or go to URL: www.zcom.com.tw.