

User's Manual

Qrex PC(Q150) user's Manual



Grade – A equipment

This equipment is certified by EMI to be Used in office.

QREX-Q150 – User Manual

Information to user : PART 15, PARAGRAPH 15.21 AND 15.105(b)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

FCC Notice

NOTE : 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 the equipment 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 separation 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.

<http://www.qrexp.com>

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Chapter 1. Important Safety Instructions

The following instructions pertain to the risk of fire, electric shock or bodily injury.

Please read all of these instructions carefully.

Voltage selection

1. Sending of good voltage : 230 V –
2. Voltage control inquires to service Man.

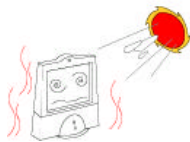
Lithium battery

Caution : Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the manufacturer.

Dispose of used batteries according to the manufacturer's instructions.

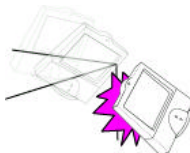
- Do not use this computer on an unstable cart. The product may fall, causing serious damage to the product
- This product should never be placed near or over radiator or heat register



- Do not place the product in too high or too low temperature
- Do not place the product in humid



- Do not hit or drop the product while operating. You may get injury or the product will be damage



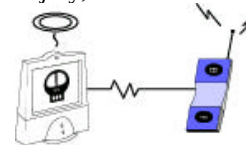
- Do not try to open side lid by force. Please push the button to open or close the lid
- Do not use banded or twisted or cracked diskette



- Do not use the product near water
- Do not spill water, alcohol, Benzol or any chemical material onto / into product. It causes damage or fire



- Do not open back cover to disassemble, repair or modify by yourself
- * Please call near service center to repair. Do not disassemble the product while plugged into outlet. It may cause injury, fire or electric shock



Chapter 2. Hardware Overview

TOUCH SCREEN



CAMERA & MIC



STEREO SPEAKER



I/O INTERFACE

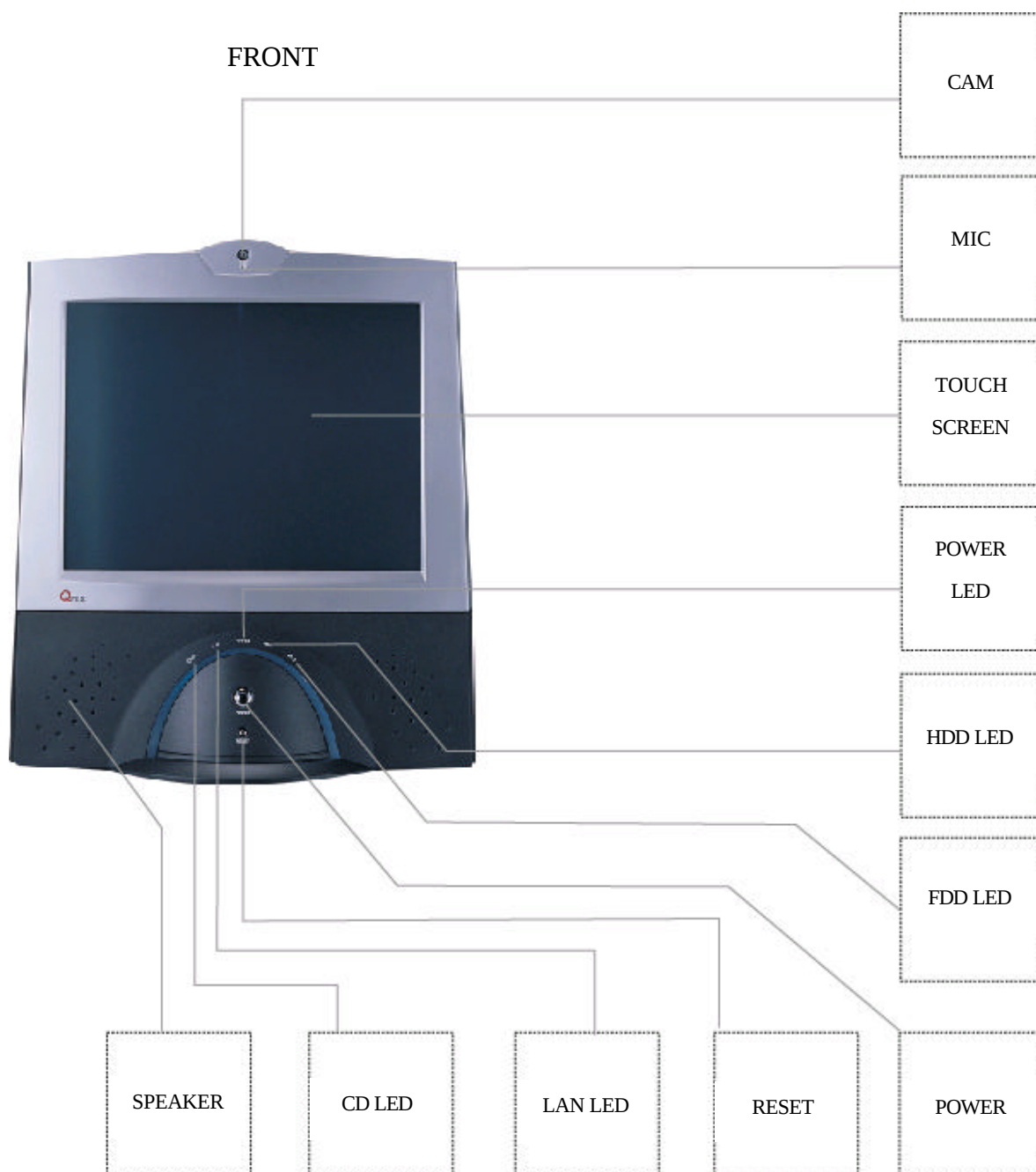


STYLISH INDICATOR



SPACE SAVING

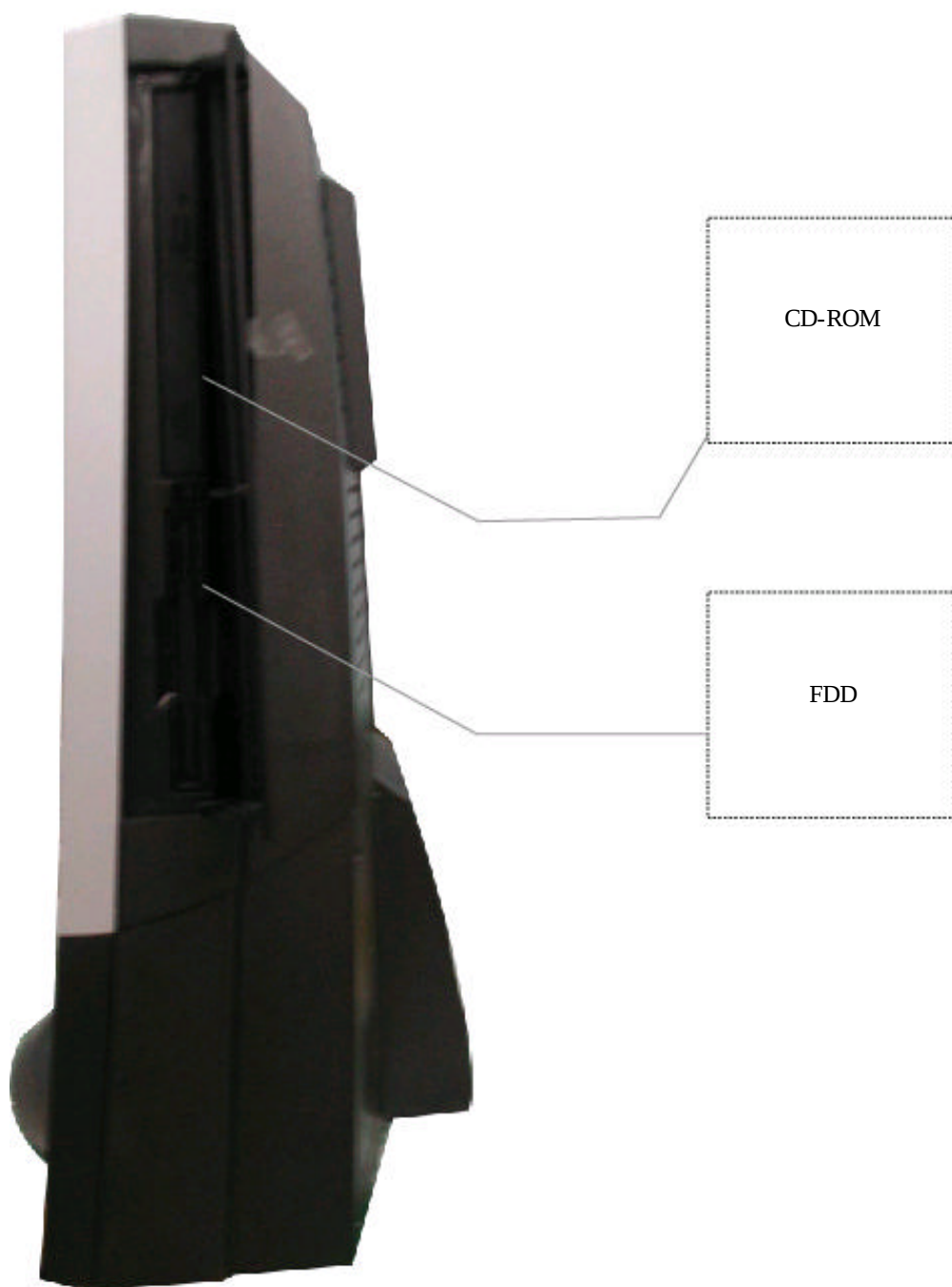


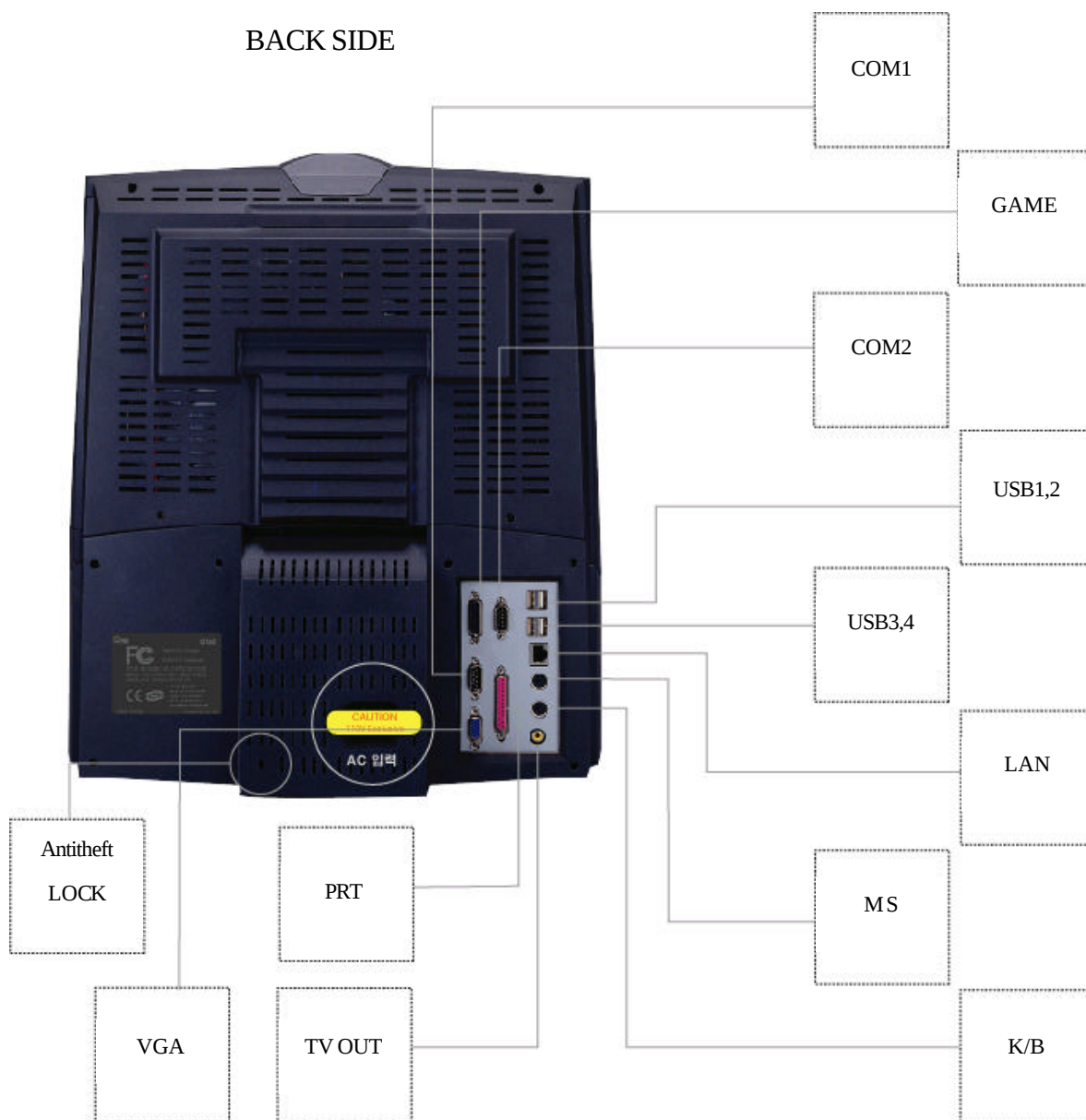


LEFT SIDE



RIGHT SIDE





Camera	300,000 Pixels USB camera
Internal Mic	-38dB high sensitivity microphone
Touch screen	Analog resistive touch panel 1024 x 1024 (option)
Power LED	Power On / Off indicator
HDD LED	HDD operation indicator
FDD LED	FDD operation indicator
Power Button	Turn On / Off power
Reset Button	Initialize system
LAN LED	Network working indicator
CD LED	CD-ROM drive operation indicator
Internal Speaker	Stereo speaker
Headset Mic	Headset Microphone
Sound Input Port (Mic in)	Connector of sound input
Headset output	Headset output
CD-ROM	Slim CD-ROM drive
FDD	Slim floppy disk drive
COM1	Serial port for serial communication
Game Port	For connection to game joy stick
COM2	Serial port for serial communication (It is not available to use with touch screen)
USB1, 2	For connection to mouse
USB3, 4	For connection to USB devices (#4 is not available to use with internal camera)
LAN	Intel 10/100 base-T Ethernet controller, supporting wake on LAN (WOL)
PS/2 Mouse	For connection to keyboard
PS/2 Keyboard	For connection to keyboard
TV-Out	TV signal out port
Printer port	For connection to printer
VGA port	Video output port
AC input	Power input
Lock	Antitheft locking

Chapter 3. Specifications

Processor	Intel Celeron / Pentium III processor	
System memory	128MB PC 100 / 133 SDRAM up to 512MB	
Display	15.1" TFT LCD Resolution : 1024 x 768 Color : 16,777,256 (24bit) Pixel pitch : 0.3mm x 0.3mm Luminance : 250cd / m ² Tilt : -5 ~ 10 degree Viewing angle : Horizontal 150 degree / Vertical 115 degree	
Graphic	I815E integrated graphics controller Optional manufacturer – installed 4 x AGP graphics card Chipset : nVidia geforce2 MX 200 Video RAM : 32MB AGP 4x / 2x, AGP texturing and fast write support Microsoft DirectX and OpenGL optimization and dual view support	
Touch Screen	Analog resistive touch panel 1024 x 1024 (option)	
Network Interface	Intel 10/100 base-T Ethernet controller, supporting wake on LAN (WOL)	
Audio	AC'97 3D positional PCI audio controller and AC'97 audio codec	
Bios	Award PnP and Flash BIOS	
Industrial standard	WfM 2.0, PCI 2.2, ACPI 1.0, APM 1.2	
I/O Interface	4 x Universal serial bus (USB) 2 x Serial port 1 x RJ45 (LAN) 1 x VGA 1 x TV out (option)	1 x Parallel 1 x Game 1 x Min-in 1 x Line-in 1 x Line-out
Drive	Slim FDD Slim CD-RW (option)	Slim CD-ROM Slim DVD-ROM (option)
Storage	Industry – Standard internal ATA 66/100 HDD (choice of storage capacity)	
Housing	404mm(W) x 467mm(H) x 220mm(D) / 15.9"(W) x 18.3"(H) x 6.1"(D)	
Weight	10kg	
Environmental spec	Surrounding Temperature : Storage Temperature :	0 – 35 degree -20 – 60 degree
Power Supply	150W micro ATX switching power supply	
Power Management	ACPI compliant	
OS Installed	Microsoft Windows 95, 98, ME, 2000, XP (option)	
Certification	CE, FCC, MIC	

Chapter 4. Starting Window

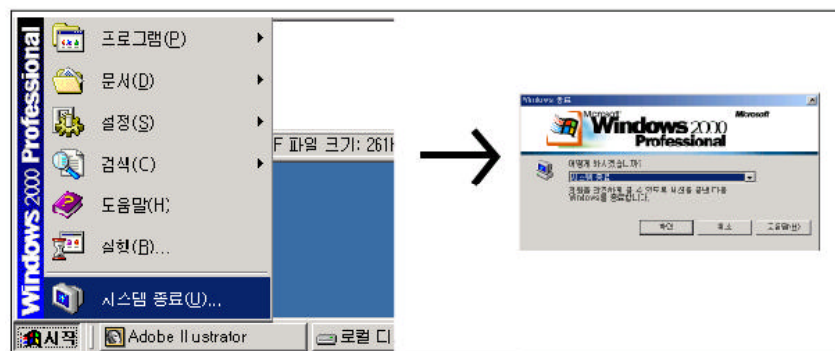
Turn On the system

1. Connect Mouse and Keyboard
2. Connect periphery to computer
3. Turn on power of periphery
4. Turn on power of Qrex



Turn Off the system

1. Terminate Windows - 'START' > 'TURN OFF SYSTEM' > click 'OK'
2. Once the system is turned off, switch off periphery



Attention : If the system will not turn off automatically,
push d own and hold power button for 4 seconds.

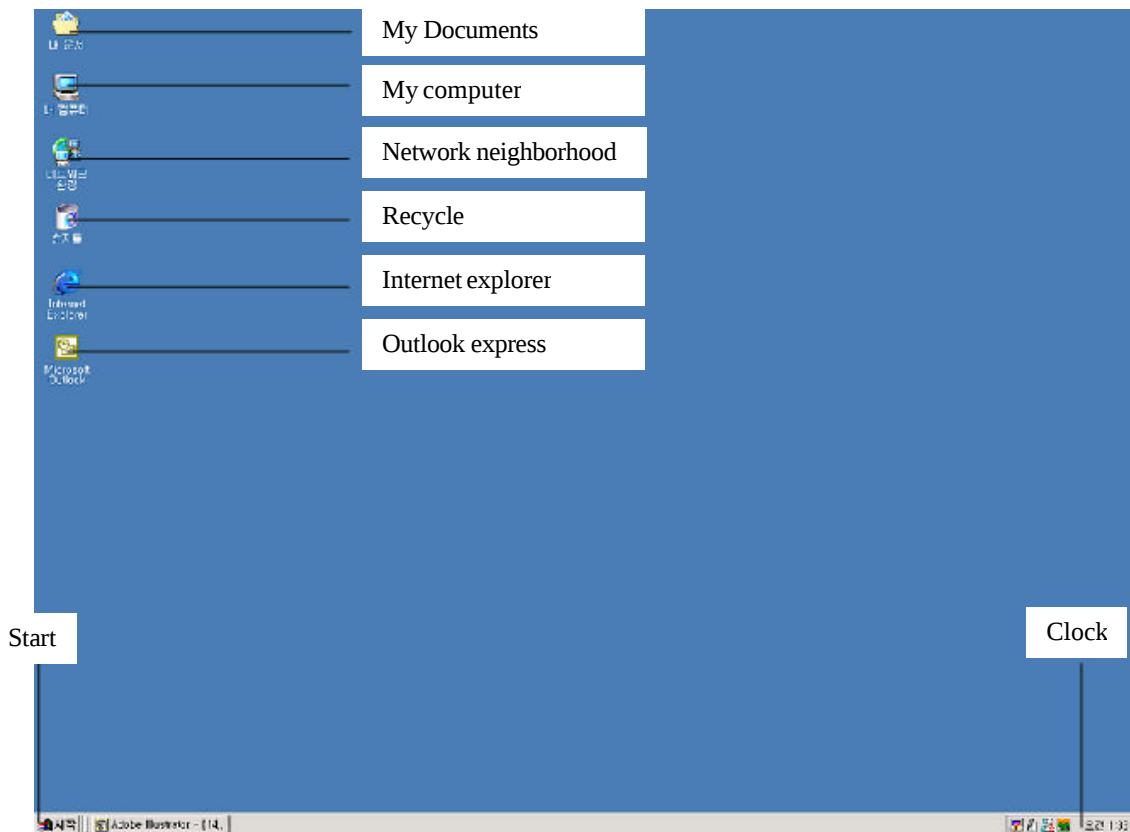
Starting windows

Understanding Desktop

After you start system, the first thing you see is the desktop.

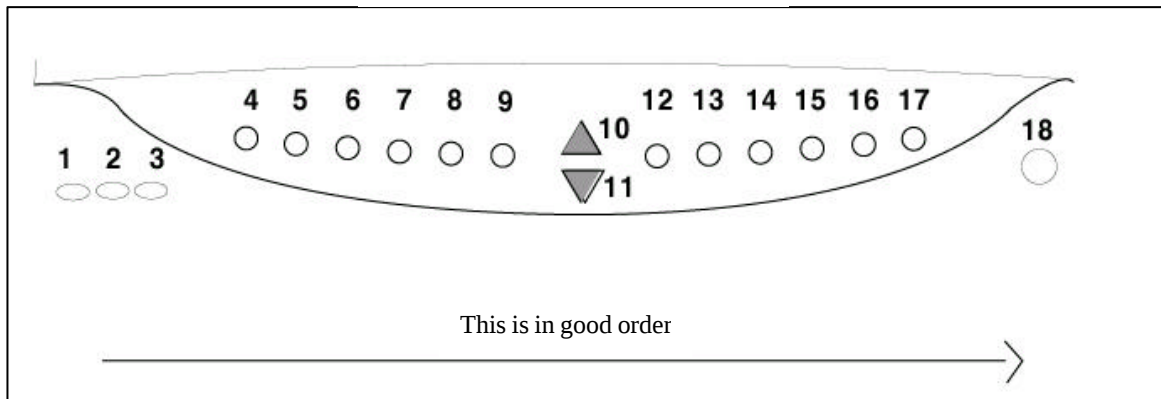
The desktop is the area on the screen where you work

Depending on how your computer is set up, your icons may be different from those in the Illustration



Using the keyboard / mouse

Appending a explanation of function



Esc	Cancel and return ing the current task
Tab	Move forward through options
Caps Lock	Changing the capital / small letter
Shift	Deciding a specific letter in your version
Ctrl	Show specific function with using of another key
Alt	Carry out the corresponding command with using of another key
Enter	Click the selected button or move the line of word task
	Shortcut for window start command
	Shortcut for right button of mouse

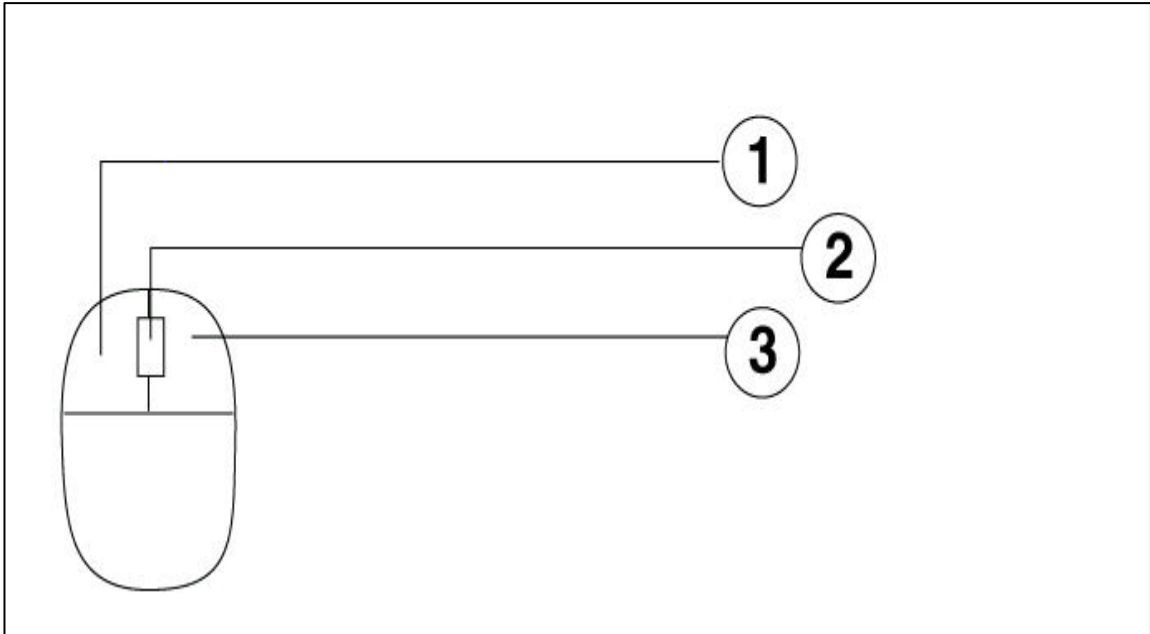
Caution :It may be different by keyboard style.

Do not spill water, coffee or other foreign material
to keyboard

Using the multimedia shortcut

(1)	www. (command internet standard browser)
(2)	Main (receiving and sending the mail)
(3)	Explorer (internet explorer using only)
(4)	Back (go to previous page)
(5)	Forward (go to next page)
(6)	Stop (stop downloading a page)
(7)	Refresh (refresh the current page)
(8)	Search (searching a web-page)
(9)	Favorite (viewing a favorite list)
(10)	Sound Min (minimize related audio sound)
(11)	Sound Max (maximize related audio sound)
(12)	Mute (mute audio sound)
(13)	Beginning (in case of using audio CD)
(14)	Next (select the next list of audio CD)
(15)	Stop (stop audio CD)
(16)	Play / Stop
(17)	Calculator
(18)	Slip mode (power-saving mode)

Using mouse



(1)	Left button (selection or carry out)
(2)	Middle button (zoom function for CAD, Graphic task) Wheel (page scrolling function)
(3)	Right button (cancel of selection or carry out)

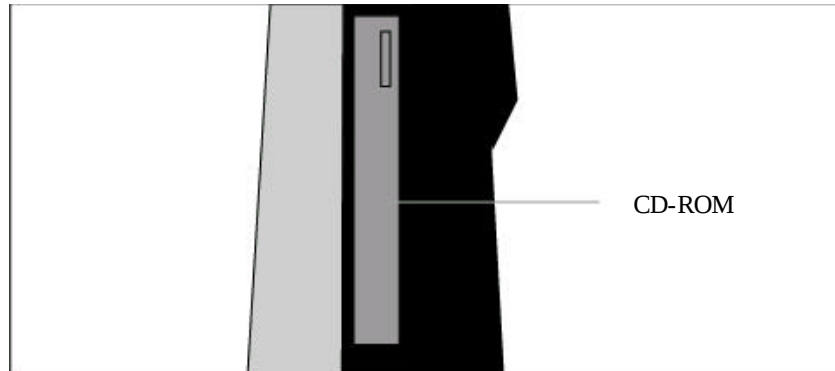
Caution : It may be different by mouse style

Do not spill water, coffee and other foreign material
to mouse

Using the drive

Using CD-ROM

1. You can enjoy music and movie and game with Audio, Video (Multimedia) CD.

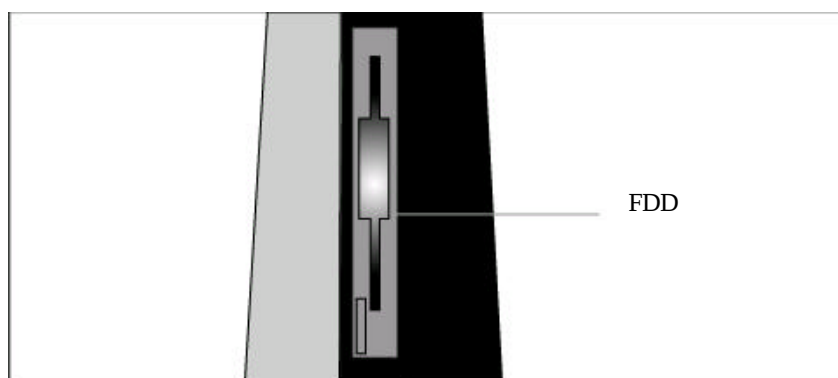


Caution : Do not take CD out when CD-ROM drive is playing. Error will be occurred.

In case of extraction CD is not available of CD-ROM, push the extraction hole with pin
(In case of power is out)

Using FDD

1. Floppy disk drive is a device for saving or reading file with diskette

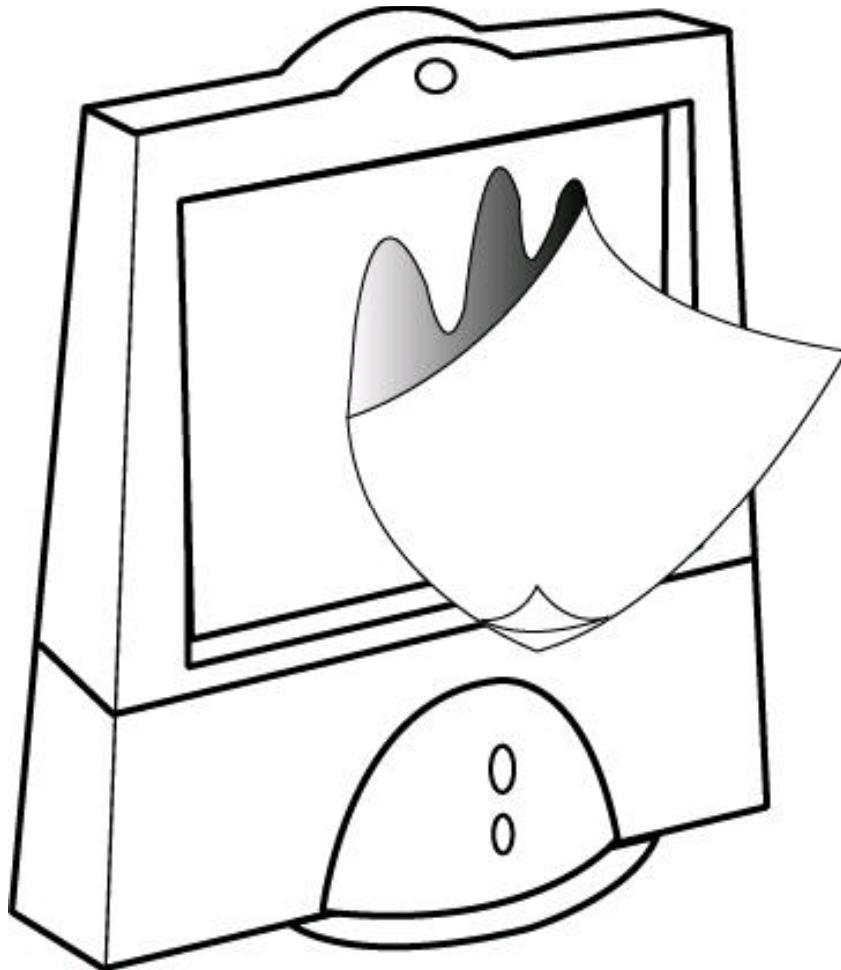


Caution : If you extract diskette when FDD is played,
It may fatal damage is occurred.

Chapter5. Maintenance system

Screen cleaning

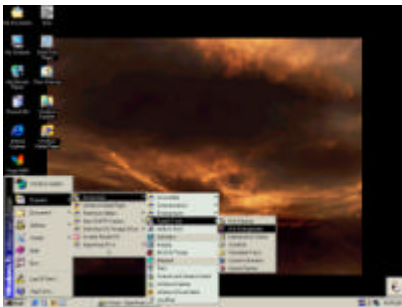
1. Take care that does not stain the fingerprint or foreign material on the screen.
2. If there is a fingerprint or foreign material on the screen, use a damp cloth for cleaning
3. Do not water or cleaner to clean screen. Use alcohol slightly



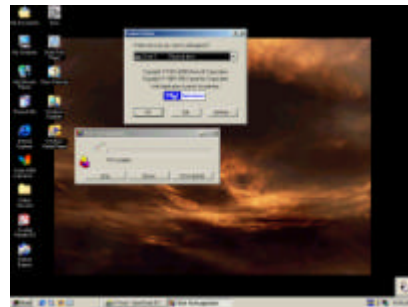
Caution : LCD surface is fragile. Don't push violently

Hard Disk Defragmenter

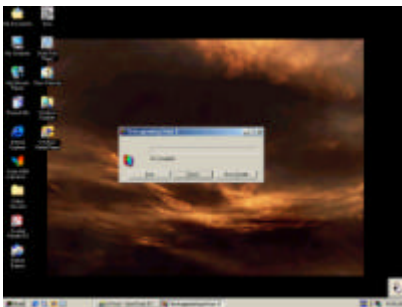
1. 'START'>'PROGRAM'>ACCESSORIES
SYSTEM TOOLS>click 'DISK DEFRAGMENTER



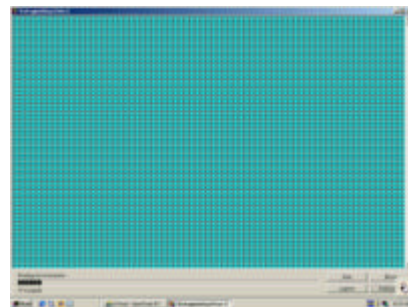
2. You can see disk defragmenter screen.
Click 'OK'



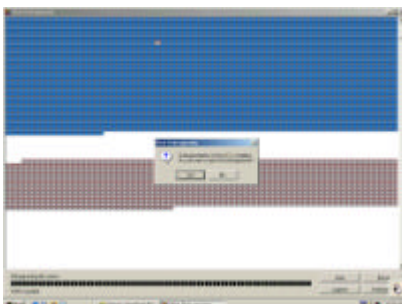
3. Disk defragmenter



4. Showing detail



5. after disk defragmenter is done,
click 'OK'



Mouse cleaning

1. If you use mouse for a long period and at dusty place, mouse may not work property

For this case, inside of mouse have to be cleaned.

1. Turn left counter dock wise cover and open



2. Extract ball – cover and mouse - ball



3. Clean mouse roller with alcohol



4. Assemble mouse – ball and cover



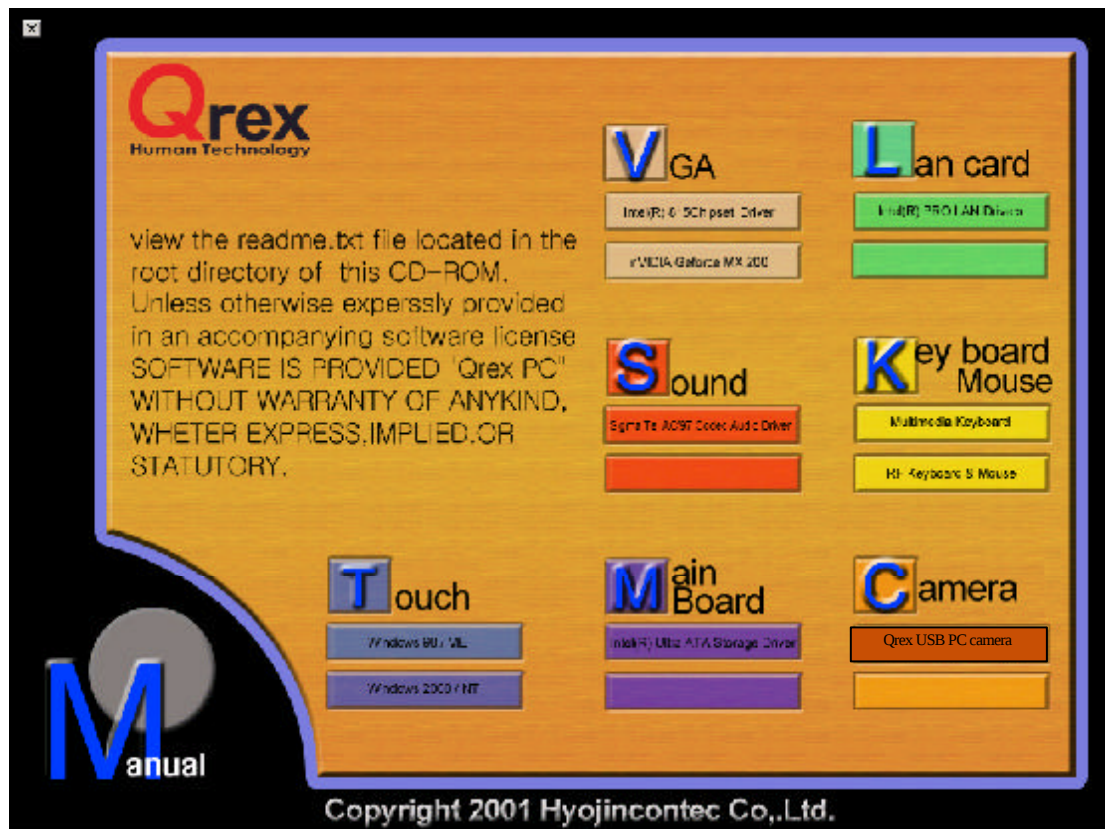
Caution : Avoid water, coffee, foreign material and violent shock.

Chapter6. Installing Driver

Driver CD

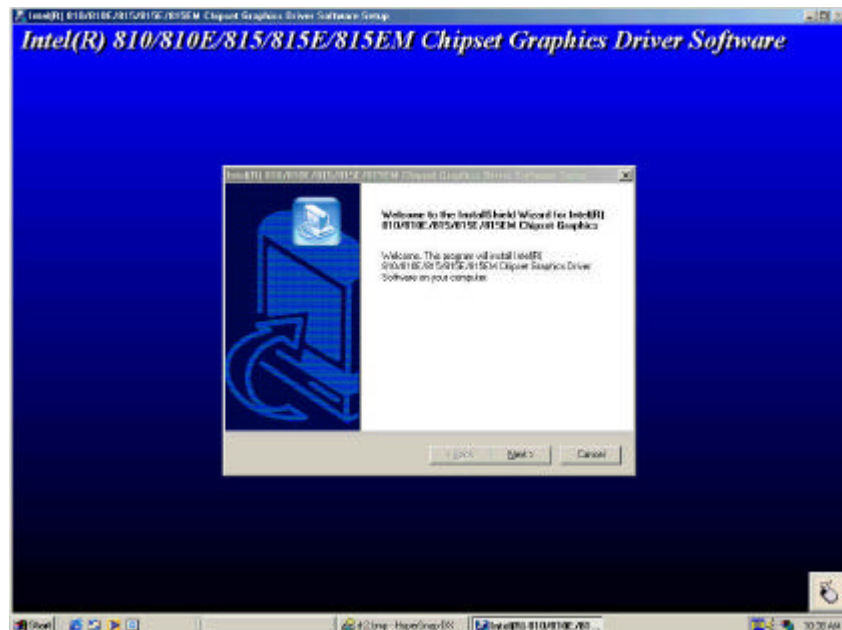
1. Insert driver CD that is packed. This is auto-run driver installation program.

Then below screen will show up

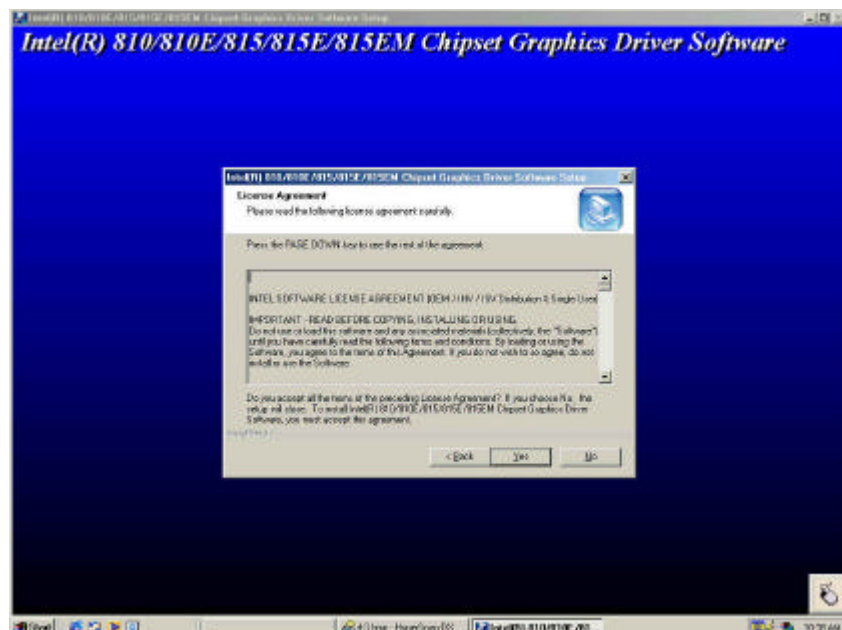


Installing graphic driver

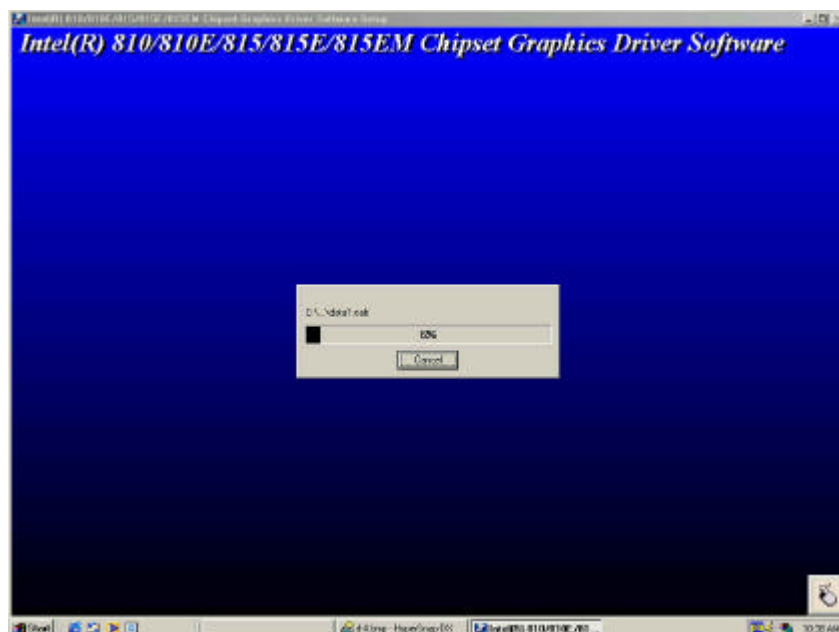
1. Click 'NEXT'



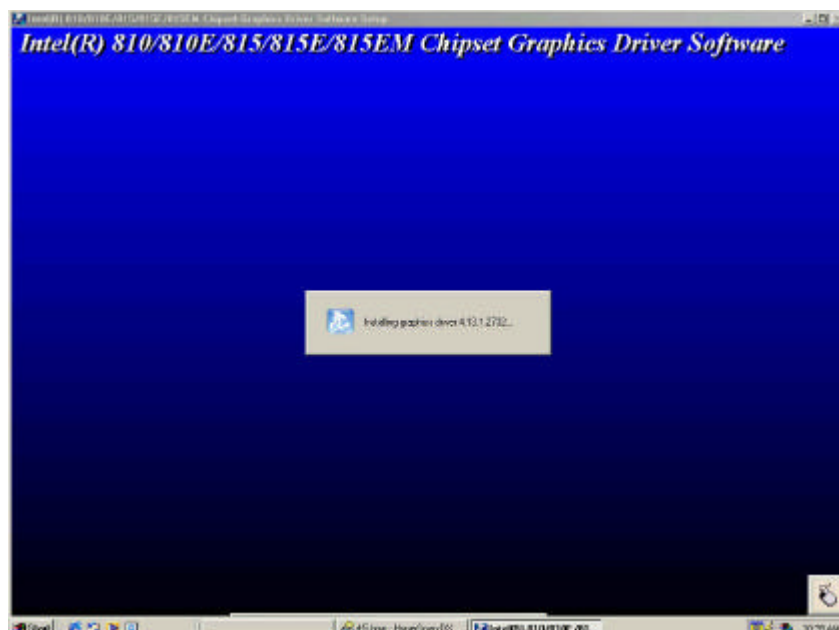
2. Graphic driver auto-setting



3. Click 'NEXT'

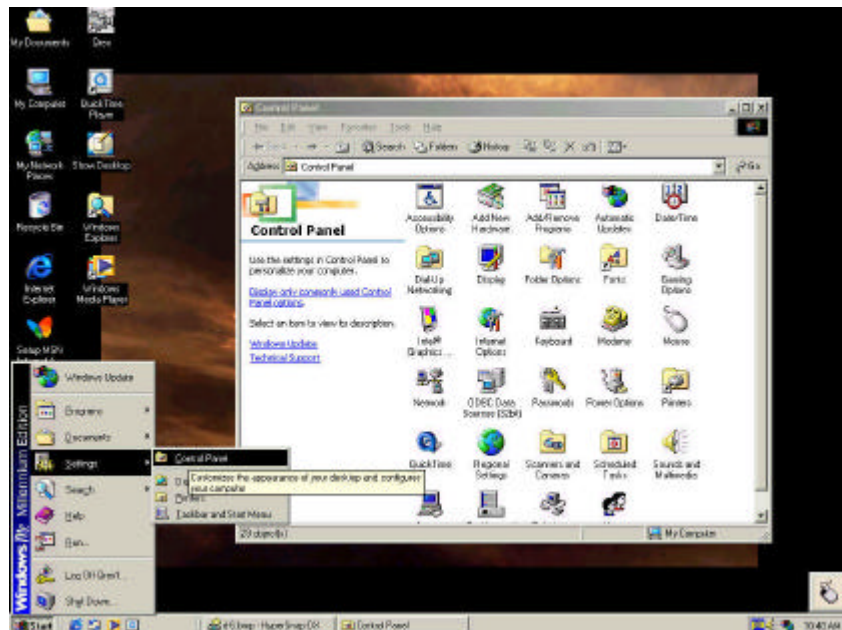


4. After confirmation the license, click 'YES'

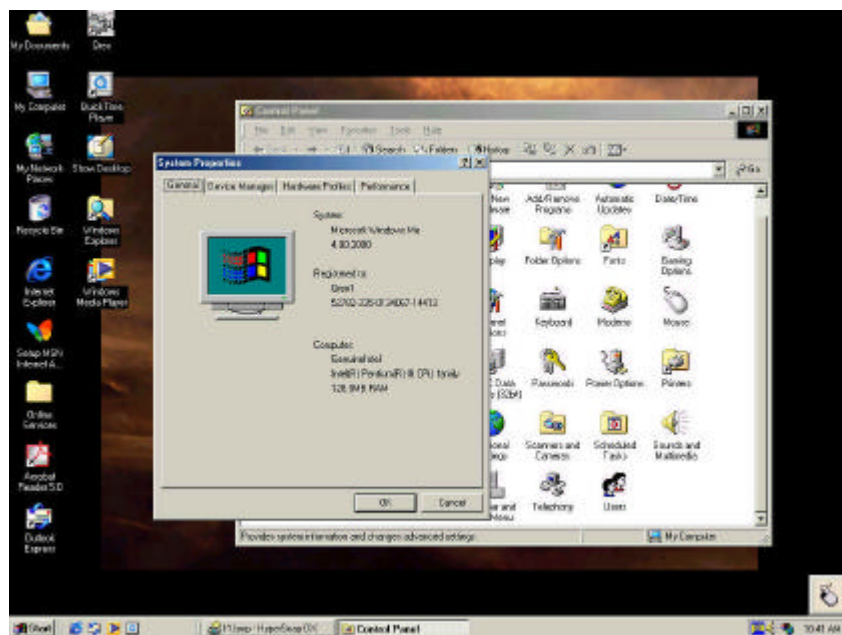


Installing LAN driver

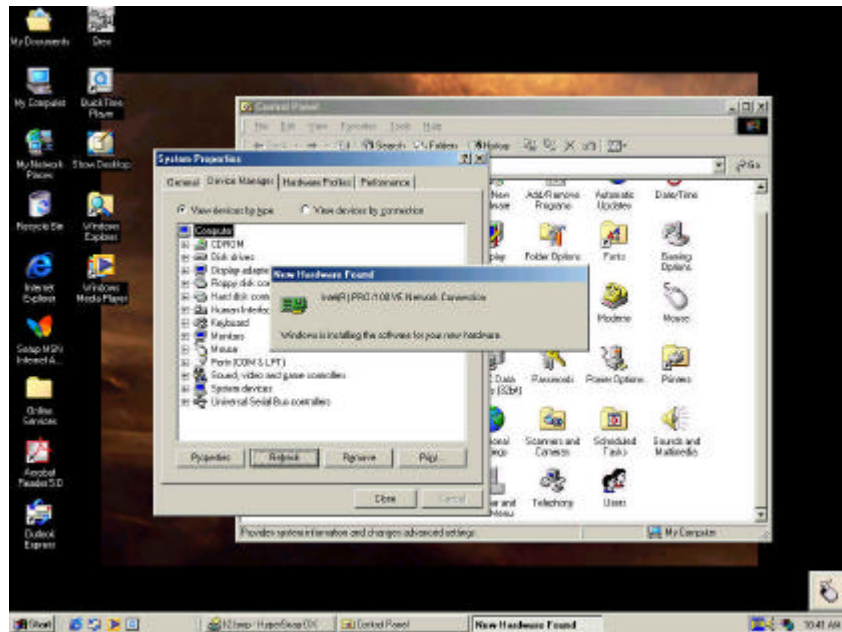
1. 'START' > 'SETTING' > 'CONTROL PANEL' > click 'SYSTEM'



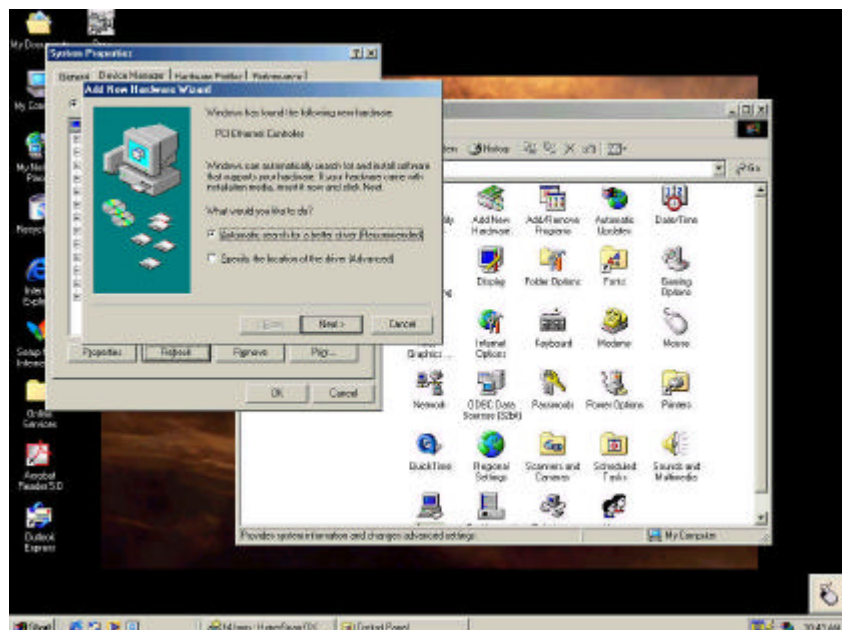
2. Click 'SYSTEM PROPERTIES'



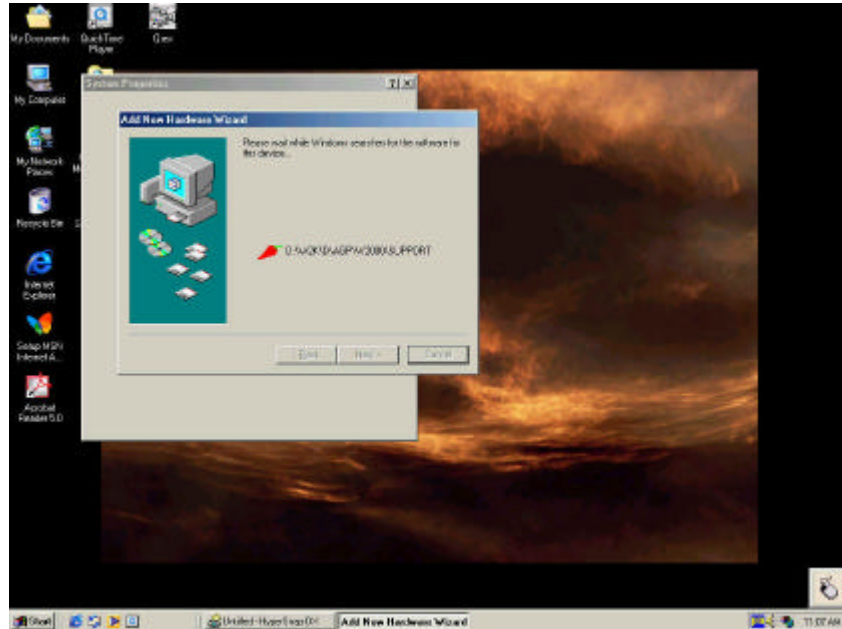
3. Click 'SYSTEM DEVICE' and then click 'REFRESH'



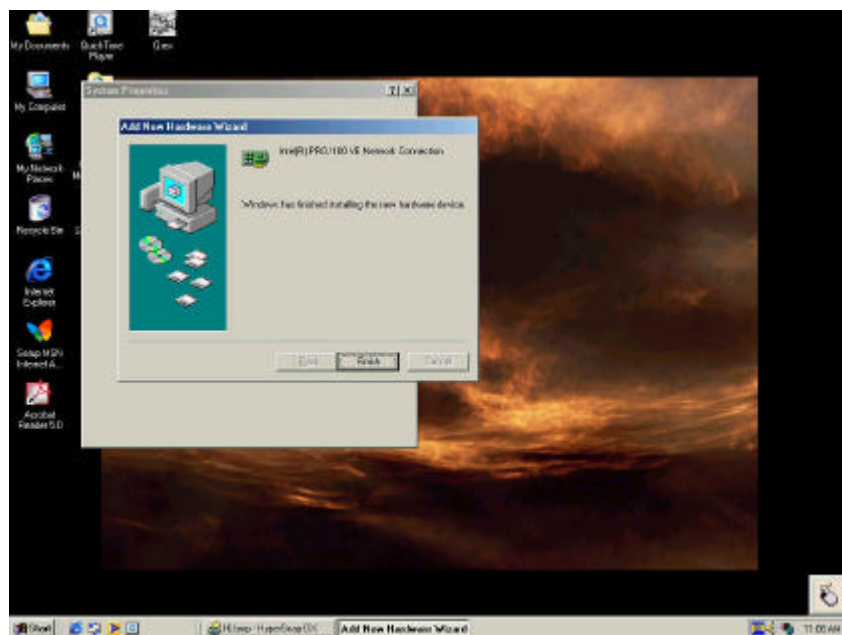
4. Add new hardware wizard appears, then click 'YES'



5. Auto detecting screen. At this time, 'DRIVER CD' has to be in CD-ROM driver



6. After driver detecting, click 'CLOSE'



Installing Audio driver (Win98 / Me)

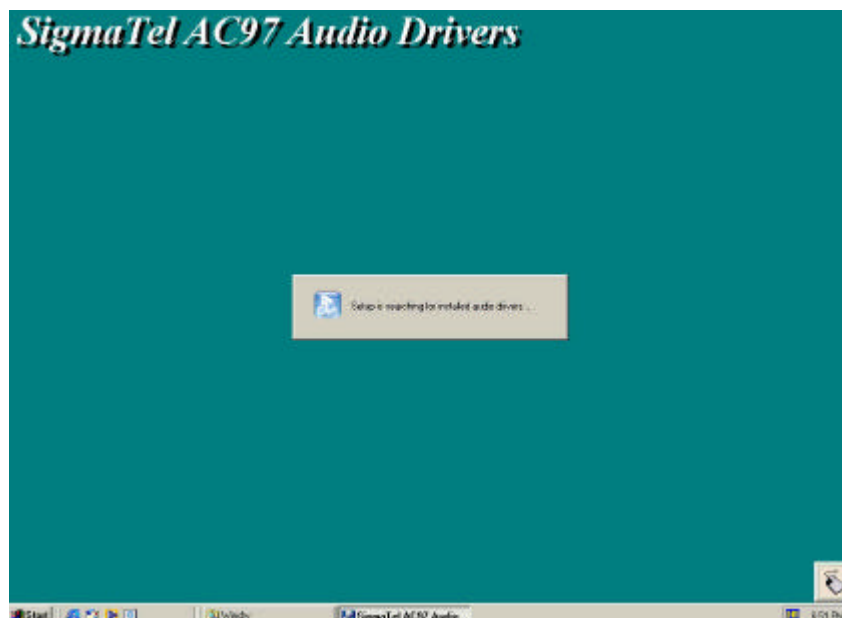
1. Installing AC'97 Sigmatel



2. Click 'NEXT' on audio driver setting screen



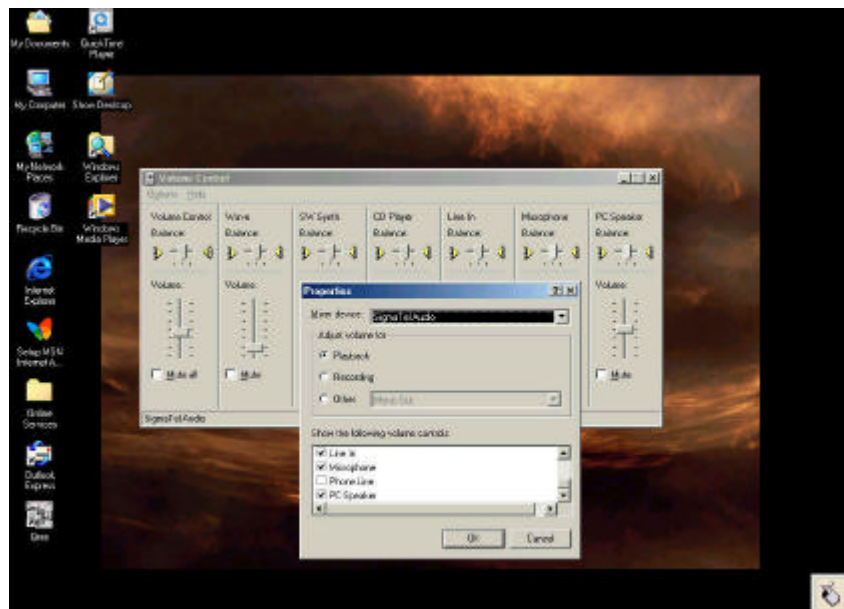
3. Screen of file copying to HDD



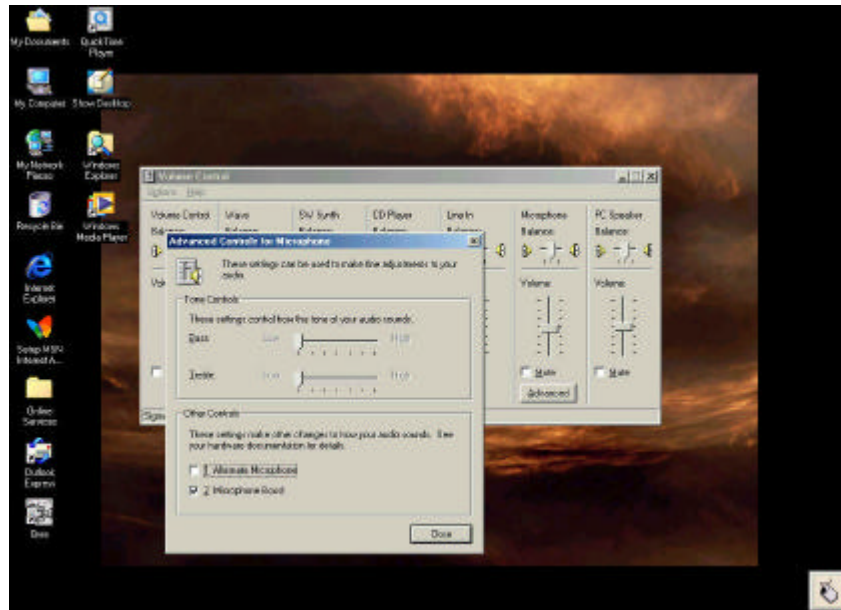
4. After file copying, click 'Finish' button to restart system.



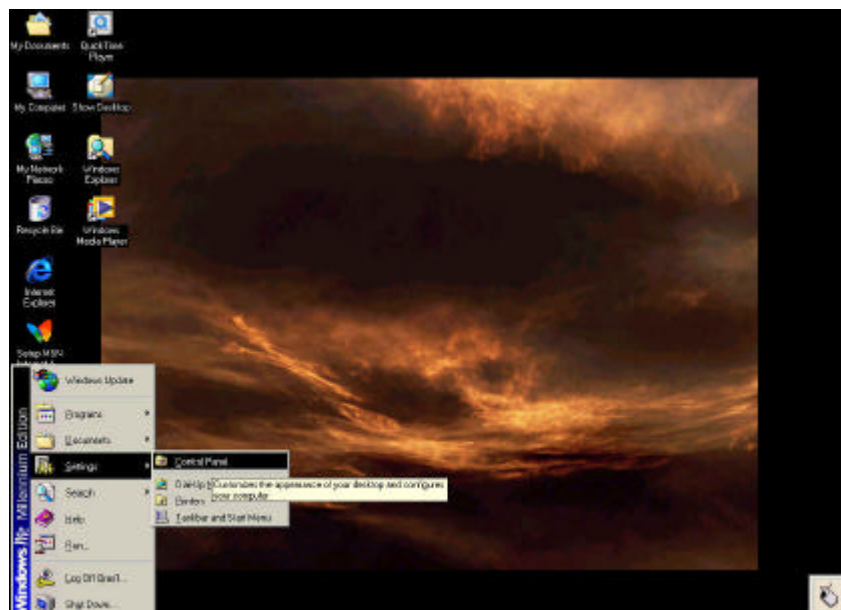
5. After installing of sound device with driver CD, system will be restarted and find a unknown device. For this device, please follow below step.
6. For driver searching for unknown device, click “Auto searching”. After auto searching, unknown device will be known as “AC97 Codec” (‘NEXT’ click)
7. System asks “ks.sys” file. Set directory to “C:\windows\system32\driver” to find “ks.sys” file.
8. System will ask “ksproxy.ax” file. Set directory to “C:\windows\system” to find “ksproxy.ax” file. After copying of these two files, system will find Sigmatel driver automatically.
9. Double click speaker icon at right bottom corner of screen to open volume control.
Go to option -> Properties
Check Microphone then click ‘OK’



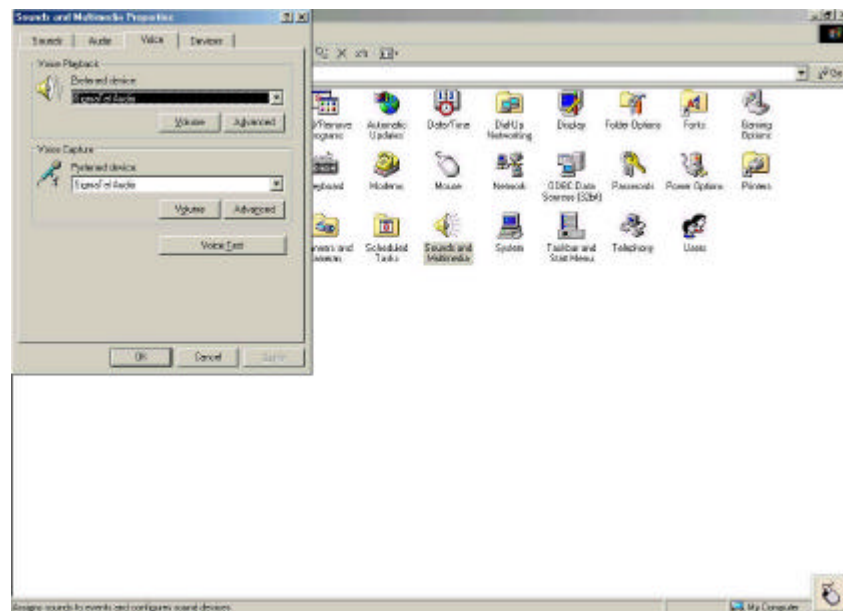
10. Click 'Advanced' then check 'Microphone Boost' in 'Other control'
Then close all windows.



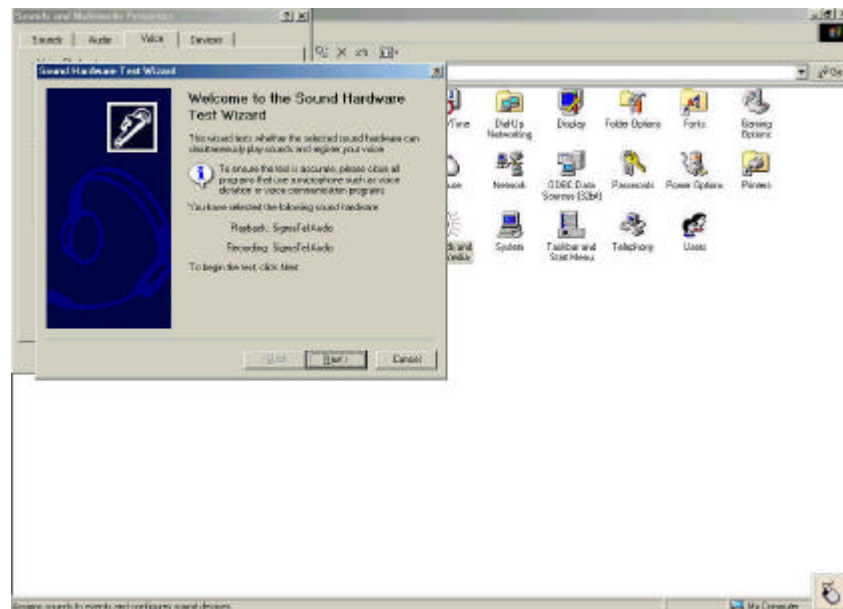
11. Go to 'Start' -> 'Control panel'



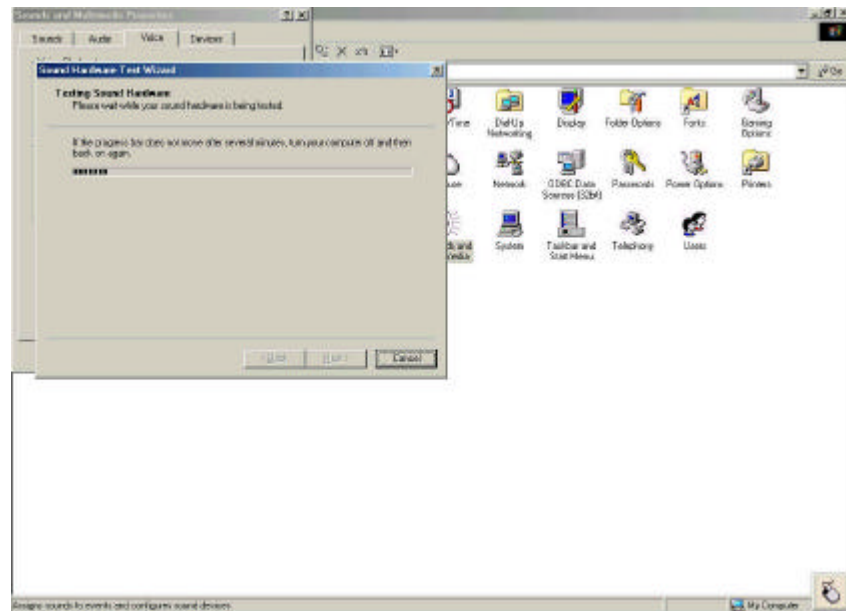
12. Go to 'Sound and Multimedia' -> 'Voice' -> 'Voice test'



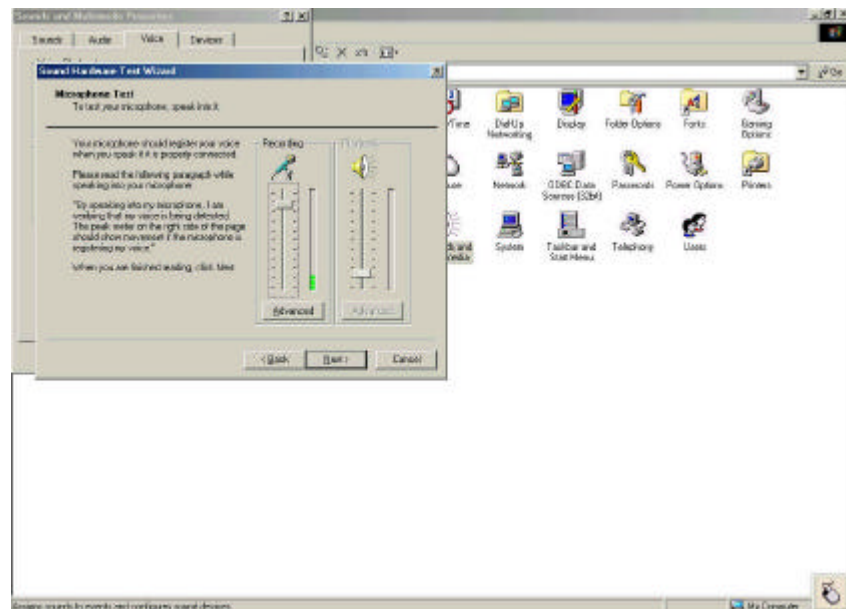
13. Click 'NEXT' to test sound hardware.



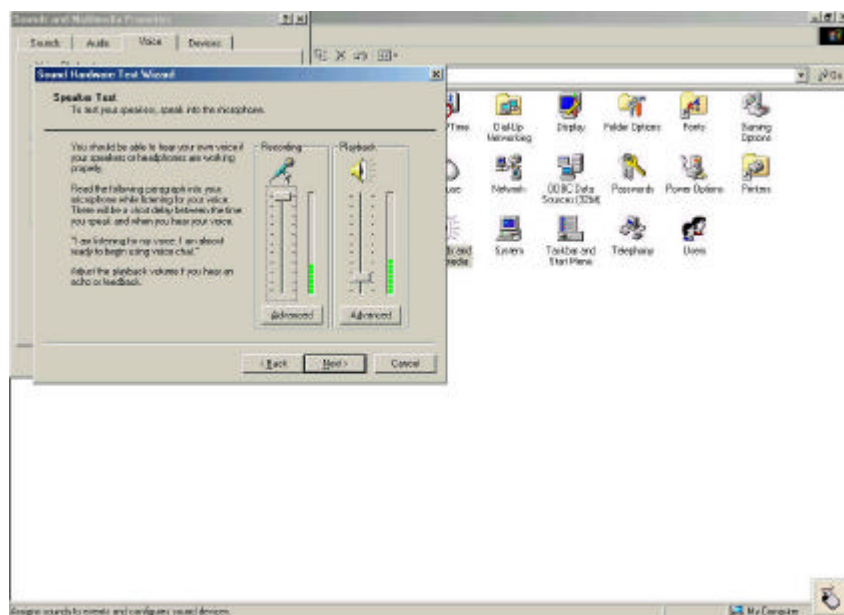
14. Wait for a while let system test hardware automatically.



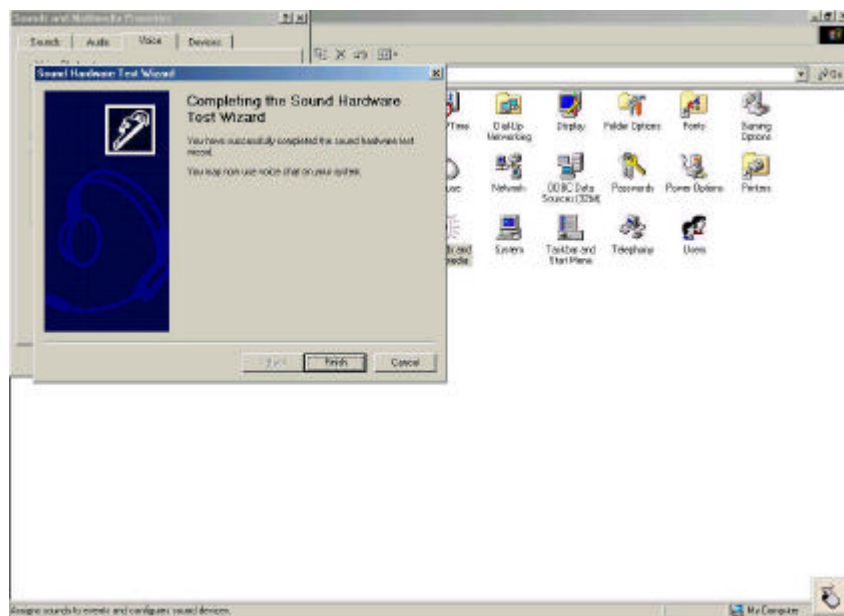
15. Speak to the Microphone to configure microphone with your voice. (click 'NEXT')



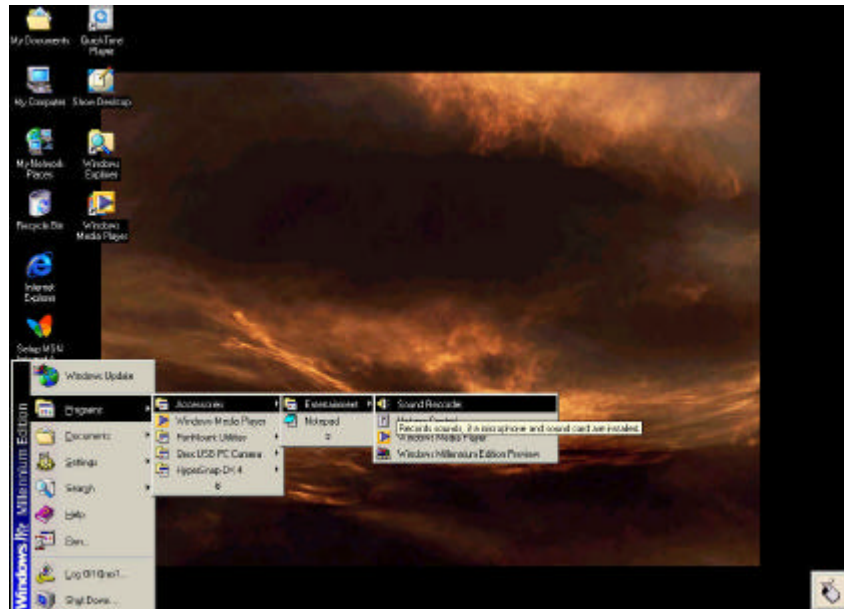
16. To test Microphone and speaker simultaneously, speak to the microphone. (click 'NEXT')



17. Click 'Finish'



18. Go to 'Start' -> 'Accessories' -> 'Entertainment' -> 'Sound recorder'



19. Click Red recording button to record your vice.

Click stop and rewind

Click play button to listen recorded voice.

Click 'X' to close window.



Installing Audio driver (Win2000)

1. Installing AC'97 Sigmatel



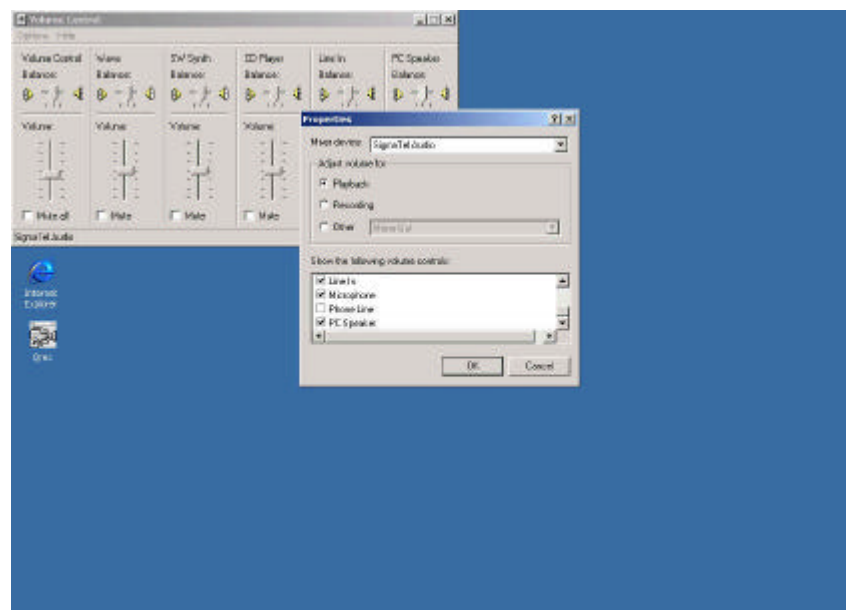
2. Click 'NEXT' on audio driver setting screen.



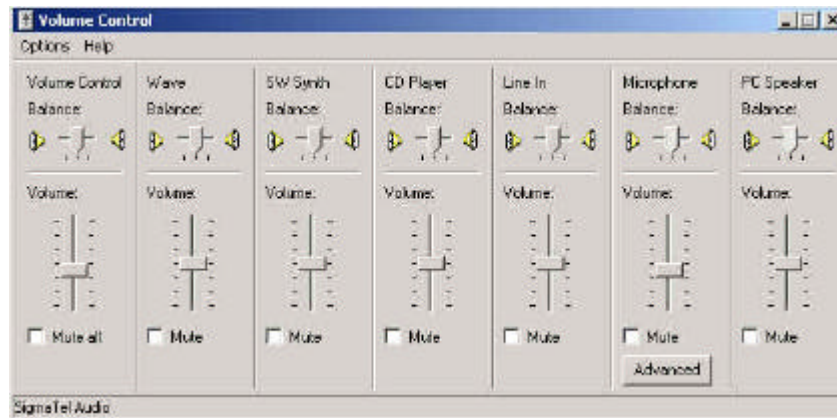
3. Click 'Finish' to restart system.



4. After restart, click speaker icon at right bottom corner of screen to open volume control.
Go to 'Options' -> 'Properties'
Check microphone then click 'OK'



5. Click 'Mute' box to operate Microphone
Click 'Advanced' and check 'Microphone boost'.



6. Go to 'Control panel' -> 'Sound Multimedia' -> 'Audio' -> 'Volume' of sound recording
Click Microphone select box.
Close all windows.

