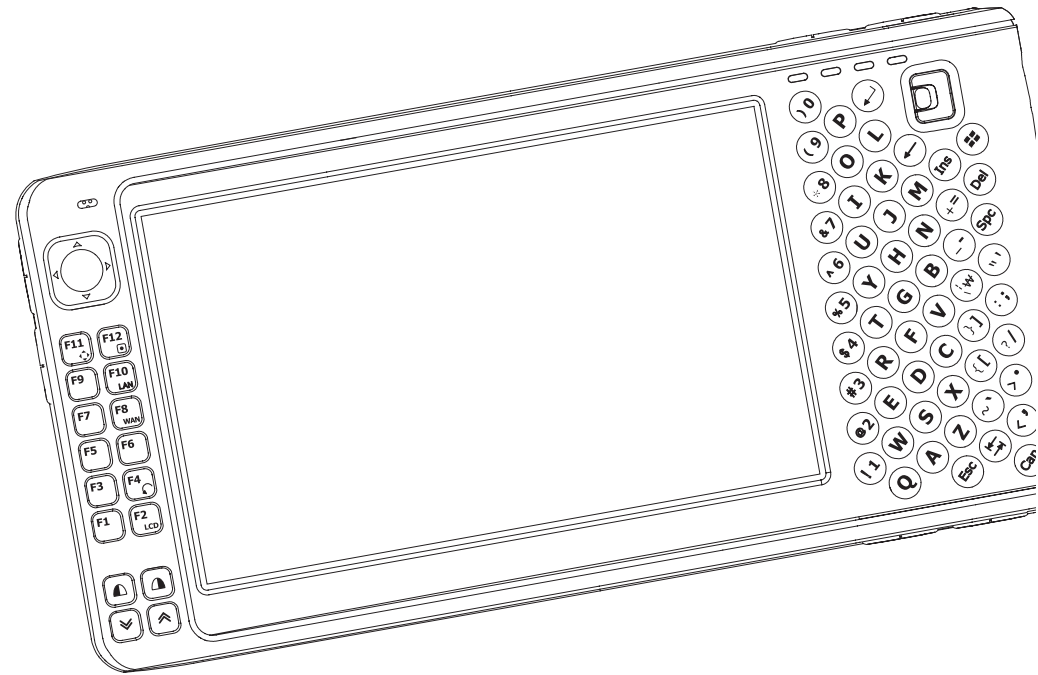


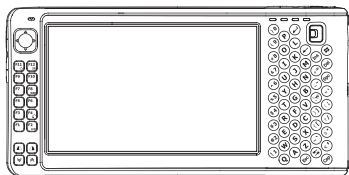
True 2nd Generation UMPC

EVERIS

User's Manual



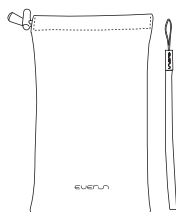
Basic Package Composition



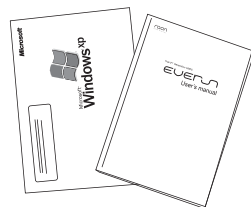
Main Body



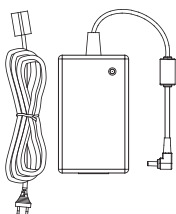
Battery-Standard capacity



Carrying case&strap



User Guide &
Windows XP CD-ROM



AC Adapter



VGA Cable



Stylus Pen

★ The package composition may change without prior notice

About the Operating System

The operating system installed in the device is the latest version of Windows XP Home Edition. If any problem occurs due to the change of the operating system, exchange of the product or refund is not available, and any technical services may require payment. Microsoft will provide all technical services or upgrade with regard to the operating system.

About data stored in the device

Data saved or installed in the hard disk of the device or SSD may be damaged due to the malfunction of a program, misuse, external physical shock, or a magnetic field. Please always keep a backup for important data. Raon Digital does not take any responsibility for customers' loss of data during use.

Precautions, care and maintenance

Everun is a precision electronic device susceptible to physical shock, heat and water. Please keep away from such substances during use. If left inside a closed automobile during the hot or sunny weather for a prolonged time, it may malfunction or overheat possibly catching fire. Raon Digital does not take any responsibility for malfunctions or accidents caused by prolonged abandonment in such conditions. For other inquiries, please refer to the user guide introduced below.

Basic Package Composition About the User Guide

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9. Technical Specifications

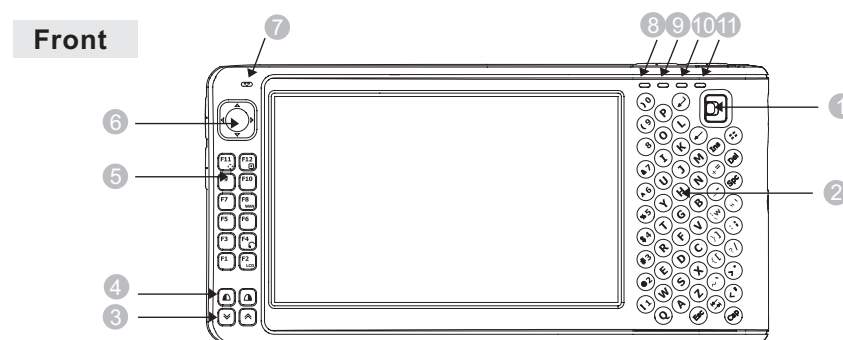
1. Overview

1-1 Key Descriptions

Front
Back
Top
Bottom
Left / Right

1-2 Switching the device on and off

Switching the device on
Switching the device off



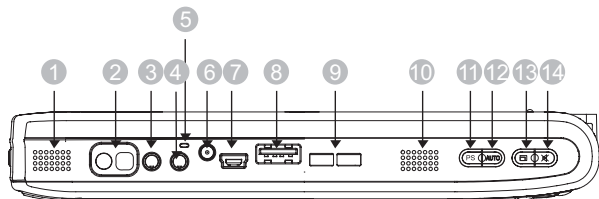
- ① Optical Mouse: A highly sensitive optical mouse with left-click function installed. (Adjust speed at the Control Panel)
- ② Keyboard: QWERTY keyboard. Keyboard lamp(backlit) is turned on when the key buttons are used, allows convenient use in the dark.
- ③ Scroll key: A similar function with the wheel in a mouse, used to scroll up and down between the pages.
- ④ Mouse button: Left and right buttons of the mouse
- ⑤ Function Keys: Ranges from F1 to F12
- ⑥ Arrow Keys & Game Pad: a game pad with 8 directions. Can be used as arrow keys.
★ When used as game pad, number keys 1~6 are used as the commander buttons.
- ⑦ Microphone: A monotype microphone for voice recording or phone use.
- ⑧ LCD brightness sensor: A sensor to automatically adjust the LCD brightness depending on the ambient.
- ⑨ CPU LED :Shows CPU clock status.
Fast Mode: on
Normal Mode: blinks quickly
Power Saving Mode: blinks slowly
- ⑩ LAN LED : A blue light blinks on the LED when the wireless LAN(WiFi) is connected.
- ⑪ WLAN : A green LED turns on when HSDPA or WiMAX(optional)is used.

Back



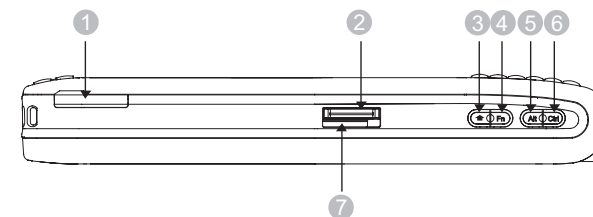
- 1 Battery (Standard capacity: 2,300mAh, large capacity: 4,000mAh)
- 2 Battery release lever
- 3 Stylus holder

Top Side



- 1 Stereo Speaker(Left Side)
- 2 Camera(Optional)
- 3 Earphone jack
- 4 Microphone jack
- 5 Battery indicator LED
- 6 Charger socket
- 7 USB mini B (used to connect to a personal computer as a external hard disk drive)
- 8 USB Host (used to connect to a USB device)
- 9 Cooling Vent
Do not cover or put anything in the vent. It might cause malfunction or failure of the device
- 10 Stereo Speaker(Right side)
- 11 PS Button: Press this button to switch into Power Savings Mode(CPU LED blinks slowly)
- 12 Auto Button: Press this button to use Automatic Power Management Mode
- 13 Resolution button: Adjust the resolution by pressing this button
- 14 Mute: Press the button to enable or disable Mute.

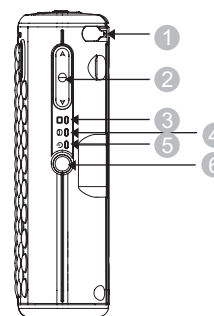
Bottom Side



- 1 SIM card slot(Insert SIM card to use HSDPA or WiMAX)
- 2 24-pin socket to connect to Docking station or external monitor
(Docking station is not included in the basic package)
- 3 Shift
- 4 Fn
- 5 Alt
- 6 Ctrl
- 7 Bottom cooling vent

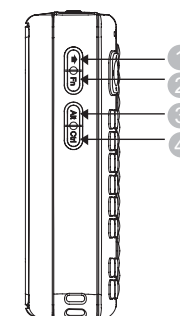
This vent is to keep the inside temperature of the device down.
Please do not cover or seal the hole for it may cause malfunction or failure of the device.

Right Side



- 1 Stylus Pen
- 2 Sound Volume or Screen Brightness control button
- 3 LCD Status LED :
Orange light when LCD is OFF
- 4 Hard disk status LED :
white light blinks
- 5 Power LED :
- Off when system is shutdown or Hibernating.
- Red when in standby mode
- Yellow under normal operation
- 6 Power Button

Left Side



- 1 Shift
- 2 Fn
- 3 Alt
- 4 Ctrl

1. Overview - Switching the Device On and Off

Switching the Device On

- To switch the device on, Insert the battery and press the power button **6** on the right side.
- The required time for loading into Windows may vary.
- Windows starts from the point which was set at the previous Turn off. See below.

Switching the Device Off

You can choose either Standby, Turn off or Restart.

- “Standby” is to maintain the current Windows settings so that users can immediately start the system by pressing the power button. Your battery will slowly lose charge in this mode as the machine isn't switched off.
- “Turn off” completely turns off the device.
- “Restart” is to shut down Windows and start again, used to install programs or correct temporary malfunctions.
- You can also “Hibernate”: This mode saves the current memory contents to the disk drive and then turns off the PC. Restarting will load the saved memory contents into RAM including any programs that were running at the time. Press and hold the shift key at the Turn off window, and the “Standby” will turn into “Hibernate”. Select the Hibernate and to Turn off .

★ This function requires the “Hibernate” be enabled at the Hibernate tab under the power option of the control panel. You will also need free disk space equivalent to the size of the computer's RAM.

2. Battery Information and Charging the Battery

2-1 Inserting and Removing the Battery

2-2 Charging the Battery

2-3 Check the Remaining Battery life

2. Battery Information and Charging the Battery

- ⚠ - Two types of battery are available: the standard (2,300mAh) and large (4,000mAh.)
This package contains the standard capacity battery.
The large battery can be separately purchased from an authorized retailer.
- The Battery used in Everun is a lithium ion battery with protective functions against excessive current and high temperatures.
- Please do not attempt to open or disassemble the battery or hit or drop it, for this may cause it to explode or catch fire.
- If the battery is damaged by user's misuse such as disassembly or carelessness, a service fee will be charged.
- If the battery gets wet, please stop using it and contact an authorized service facility.

Inserting and Removing the Battery

- ⚠ - Securely hold the device, and press the the battery against the corresponding slot at the back of the device, and slide in the battery until it clicks
- Check if the battery is securely attached to the body.
- To remove the battery, press the release button and detach.
- Caution, the battery may get hot during use.

Charging the Battery

- ⚠ Use only the compatible original charger, and please refrain from using any other chargers.
If chargers other than the one included in the package are used, the battery may not be charged properly or it may overheat or catch fire.
For a full charge, discharge the battery first and then start recharging.
The battery may get hot during charging.
While charging, please be careful not to cover the battery as this may trap heat.
The LED of number ⑤ at the the page 08th is the charging progress indicator.
- Orange: Fast charging
- Blue: Normal charging(approximately 80% charged)
- Light off: Charging completed or stopped.
- ⚠ When the product is hot, battery charging time can be longer by heat sensor's operation in battery.

Check the Remaining Battery

- To set the low battery alert , open ExpWin at the bottom right side of Windows task bar.
ExpWin shows the remaining battery percentage and estimated remaining time.
- The remaining time means hours left to maintain the current system, which will vary depending on the applications used.

3. Basic Use

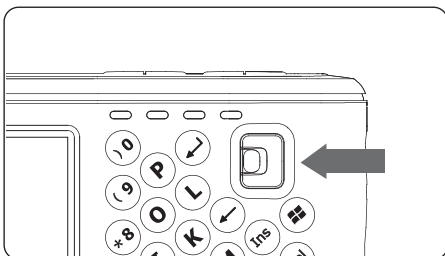
3-1 Basic Operation

Optical Touch Mouse
Arrow Keys and Game Pad
Keyboard
Pivot Function
Wheel Function
Automatic Brightness Adjustment
Sound Control
Microphone
USB Connection
Earphone
Customizing the Resolution
Connecting an External Display

3-6 Hot Keys by Fn key Combinations

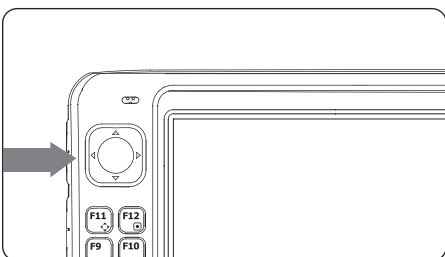
3-7 Everun Management Program: ExpWin

Optical Touch Mouse



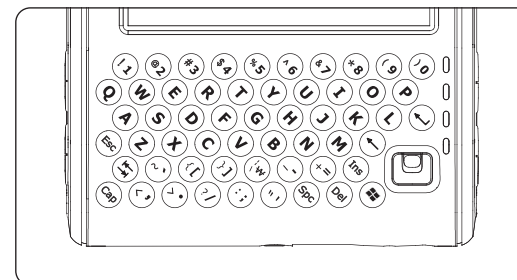
- Optical touch mouse operates same as a normal mouse.
- Optical touch mouse has both click and double click like a normal mouse.
- To right-click, click the optical touch mouse once while pressing the Fn key.
- For the optical touch mouse settings, go to Windows Menu Start > Control Panel > Mouse
- To use the wheel function like a normal mouse, drag up and down the optical touch mouse while pressing the Fn key.
- The drag keys (⏮ ⏭) at the bottom left side will enable the wheel function like a normal mouse.

Arrow Keys and Game Pad



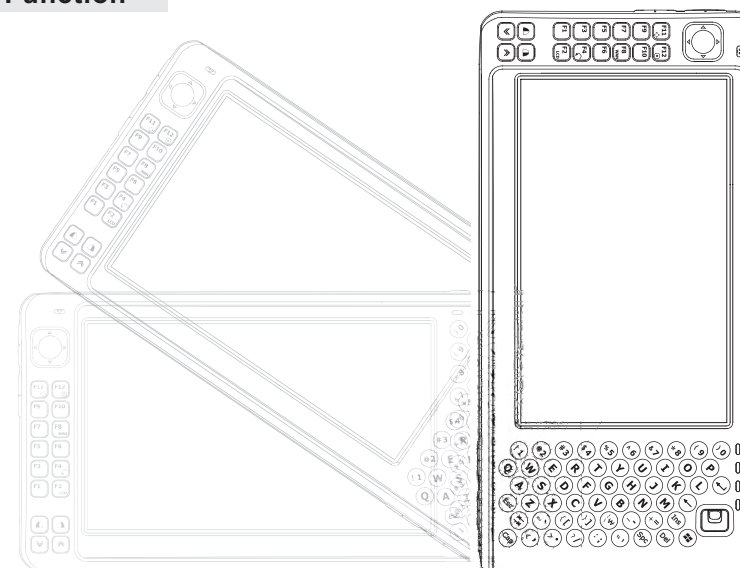
- The square key at the upper left side is used as the arrow keys or game pad
- Press F11 key at the side with Fn key to use it as the tab key, and F12 with Fn for the game pad mode
- If used as arrow keys, it moves up, down, left and right to 8 directions.
- When used as the game pad, go to Control Panel > Game Controller > Test to test the movement
- When used as the game pad, number keys 1~6 at the QWERTY keyboard on the right side are used as the commander buttons.

Keyboard



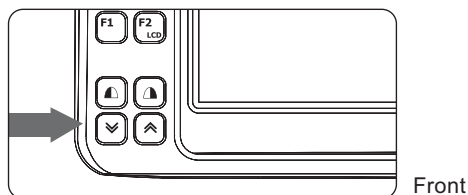
- QWERTY keyboard, with 57 keys on the right and 12 keys on the left side.
- Backlit keys for ease of use in the dark.

Pivot Function



- The screen automatically adjust its direction in any position.
- To disable automatic pivoting, select Lock in the ExpWin application on the taskbar. (Or press Fn+F4)
- You can also select the rotation direction in ExpWin.

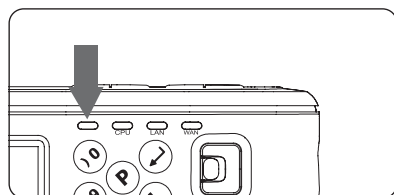
Wheel Function



Front

- The up and down keys at the bottom left corner function as a mouse wheel.
- Move the mouse up and down while pressing the Fn key on the side

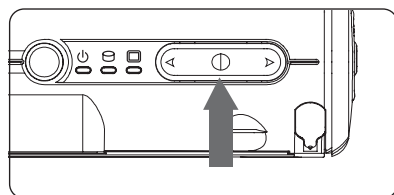
Automatic Brightness Adjustment



Front

- LCD brightness is automatically adjusted to ambient light.
- Manually adjust the screen brightness by using the volume control key with the Fn key
- You can also manually adjust the brightness in the ExpWin application on Windows taskbar

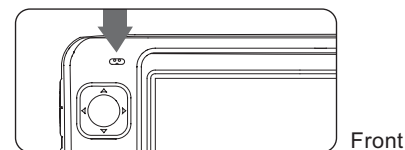
Sound control



Right Side

- Use up and down button on the right side to control the sound volume.
 - You can also control the main sound volume by using the speaker icon on the taskbar.
 - Volume controlling menu is also in ExpWin on the taskbar.
- If the sound output contains interference or noise,
double click the speaker icon on the taskbar to open the Master Volume Control window.
Go to Option > Properties and select Recording.
Then, set microphone volume lower or select Line-In in the Recording Control window.

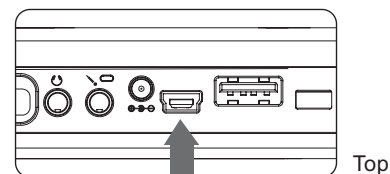
Microphone



Front

- Double click the speaker icon on the taskbar.
 - Go to Option > Properties and select Recording.
- Activate the Microphone and Mono In at the volume control and adjust the volume.

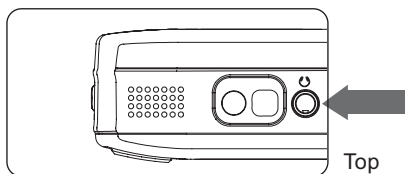
USB Connection



Top

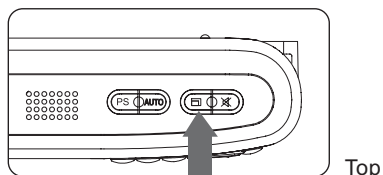
- Everun has two USB ports; one for the USB host and the other for a external device.
 - To use the Everun as an external hard disk drive, connect the Everun and a computer using a USB cable(separate purchase) when Everun is switched off.
 - USB devices such as external keyboards, mouse, or hard/optical disk drives can be connected to the Everun's USB port.
- Driver installation may be required depending on the devices.
- Install the driver using the supplied program.
 - Some USB devices may not work properly unless connected to an external power source.
 - If USB device is not recognized by Everun, please check the device in other computers.

Earphone



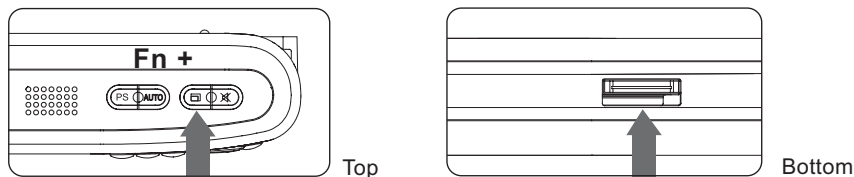
- Adjust the sound volume before connecting an earphone.
- Connect the earphone to the earphone jack at the top side.
- If the sound contains noise, double click the speaker icon on the taskbar to open the Master Volume Control. At the volume control windows, go to Option > Properties and select Recording. Then, set microphone volume lower or select Line-In in the Recording Control window.

Customizing the Resolution



- Press the Screen Button on the top side to switch between the resolution levels set in ExpWin.
- The default value for the resolution is set at 800X480.

Connecting an External Display



- Connect the 24 pin cable included in the package to the socket located at the bottom side.
- Press Resolution key with the Fn key will change from the LCD to the external display.
- Resolution can be adjusted for the external display also.

Hot Keys by Fn key Combinations



Fn + F2 : LCD On, Off
Turns the LCD on and off.



Fn + F4 : Enable/disable the automatic pivot mode
Enable/disable or lock/unlock the automatic screen rotation(pivot)



Fn + F8 : HSDPA or WiMAX On, Off
Switch HSDPA/WiMAX on and off



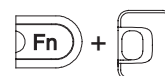
Fn + F10: Wireless LAN Power Save Mode On/Off
Switch Power Save Mode (Blue LAN LED blinking) and Fast Mode(LAN LED ON).



Fn + F11 : Cursor key mode(up/down/left/right)
The square key at the upper left is set to function as arrow keys.



Fn + F12 : Gamepad mode.
The square key at the upper left is set as the game pad
* In Gamepad mode use the square key for direction, and number keys 1-6 as buttons 1-6 on a standard game pad.



Fn + click optical mouse : same as the right-click of a mouse
Fn + drag mouse : same as the wheel of a mouse used to scroll up and down the pages.



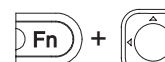
Fn + Spc(Space) : Toggle keyboard between Korean and English



Fn + Mute : Enable/disable Lock
Disables mouse and touchscreen input.



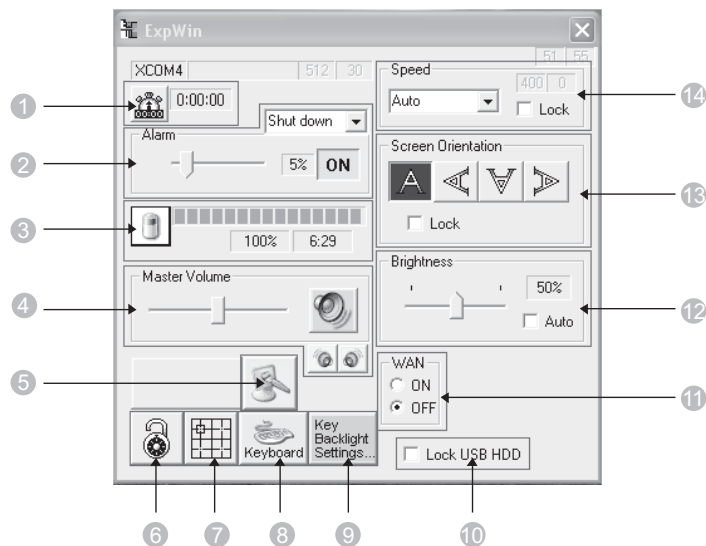
Fn + Screen button: Toggle display
(internal LCD or an external display)



Fn + Arrow keys : up / down / left / right key works as page up / page down / home / end key.

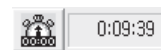
Everun Management Program: ExpWin

ExpWin is a program designed to exclusively manage all the operations of Everun. ExpWin is activated by clicking the icon on the taskbar at the bottom right corner.

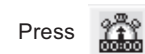



- 1 Shows elapsed time from Windows' startup.
- 2 Set battery alarm
- 3 Indicates the remaining battery and external power supply connection.
- 4 Shows audio volume level, mute status and controls sound volume.
(You can enable Mute for the left speaker only for mobile phone application.)
- 5 Screen resolution setting
- 6 Shows Lock status of input devices. You can lock the input device by clicking it.
(Lock off is by Fn+Mute key.)
- 7 Performs touch screen calibration.
- 8 Shows whether it is in arrow key or game pad mode. Click to convert between the two modes.
- 9 Settings related to the keyboard lamp(backlit).
- 10 Enables/disables the USB HDD function for increased data security.
(If Everun is in standby or Hibernation mode, Lock is automatically enabled.
The machine must be fully switched off to use as an external HDD.)
- 11 Shows WAN status; click to turn it on or off.
- 12 Shows and adjusts LCD brightness.
(If Auto is selected, brightness is automatically adjusted to ambient light.)
- 13 Shows screen orientation. Click the button to rotate the screen.
- 14 Shows and selects the CPU clock control for power management mode.

Time Indicator



Time indicated at the box shows the elapsed time from Windows' startup.

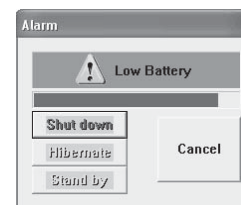


Press  to initialize like this.



Low Battery Alert

If alarm is set, selected activity starts 10 seconds after the Alarm Message.



Following options are available when low battery alarm is activated.

- Shut down : system switch off
- Hibernate : Saves the current memory contents to the HDD and turns off.
- Stand by : Goes into standby mode
- Do nothing : No action

Remaining Battery and external power supply connection status

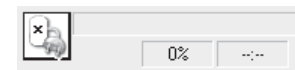


- This icon indicates that the battery is inserted and external power supply is connected. Indicator shows percentage remaining.



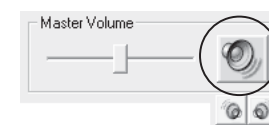
- Only battery is inserted. Remaining battery is shown in percentage and average time left.

* Time indicated according to the percentage remaining may vary depending on the system condition.



- Only external power supply is connected without a battery

Everun Management Program: ExpWin



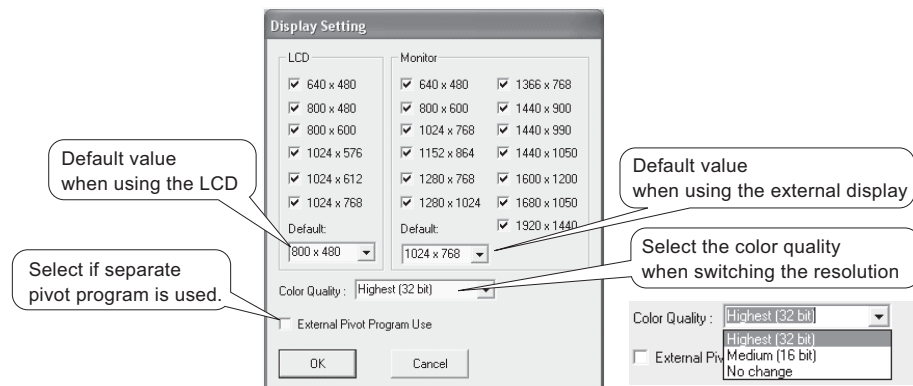
- Enable the Mute on the Master Volume



- Mute the left speaker only.

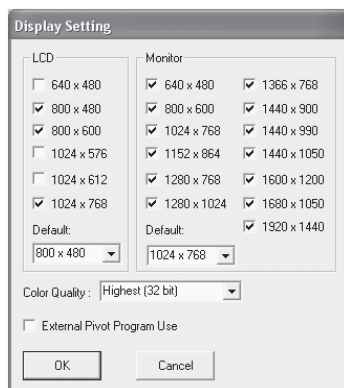
Setting the resolution values to be switched in between by using the resolution control button

Press  button to activate the display setting as below



Select resolution values to be switched between and press 

Once resolution values are set, use the resolution buttons to switch between the selected values. If values are selected as below, resolution values will switch by pressing the button in the following order 800x480 -> 800x600 -> 1024x768 -> 800x480 -> 800x600 -> ...



Shifting from LCD to/from an external display monitor

Press resolution button with Fn key will shift to or from the LCD or external display monitor. When shifting between the displays, default resolution is set as selected in the "Default" box.

Lock all the input device (touch screen, mouse, keyboard)

Press Mute button with Fn key will enable or disable the Lock function.

Press  button to turn into  and all the input devices will be locked.

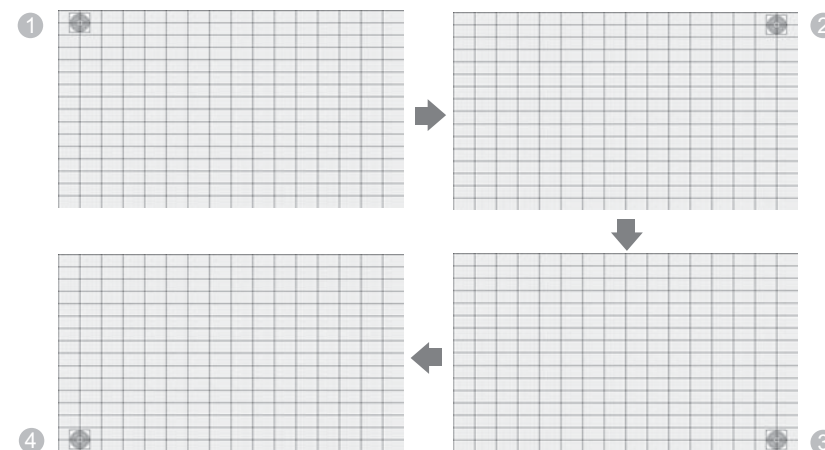
Lock is indicated on the taskbar.



Touch Screen Calibration Setting

Press  button to activate the calibration program.

- When calibration is finished, the program will automatically close
- Use the stylus pen to press the indicated spot (middle of the yellow contour lines) for 2~3 seconds in the order shown below.
- Once the first spot is set, it will automatically move to the next.
- Press Esc key to abort the program.
- If aborted the previous value is used.



Arrow Keys/Game Pad




This icon indicates the arrow key mode. Number keys 1~6 are used for numbers.



This icon indicates game pad mode. Number keys 1~6 are used for the game pad buttons.

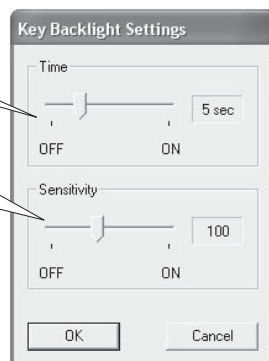
Setting the keyboard lamp(backlit)

The keyboard lamp(backlit) is turned on only in dark places, depending on the set values. It will be turned off automatically if the keyboard is not in use for a certain period of time.

Click  button to activate the key backlit settings window.

Select time after which the lamp is turned off if not in use.

Select the benchmark brightness of ambient for which the lamp is to be turned on.



Enable/disable lock for the device being used as a USB external hard disk drive

When Everun is used as a USB hard disk driver, you can enable or disable the Lock function. If "Lock USB HDD" is marked as below, Everun will not be recognized as an external hard disk drive to other computers once Everun's power is switched off. This is to protect any private data stored in Everun by preventing access via USB.

☒ Lock USB HDD

* In Standby or Hibernate mode, USB function is automatically disabled due to the way XP deals with the filesystem. You must fully shut down to use Everun as an external HDD.

Adjusting the LCD Brightness

You can adjust the LCD brightness either automatically or manually. If set to auto, brightness will be adjusted to ambient levels. Auto adjustment minimizes the dazzling effect from the keyboard lamp and also saves additional power.

★ When using auto adjustment, be careful not to cover the sensor.



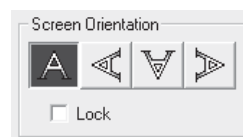
Indicates manual adjustment mode, and the brightness of the LCD.



Indicates auto adjustment mode, and relative benchmark point to which the LCD brightness should be adjusted.

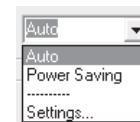
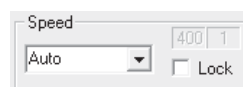
Screen Orientation(Pivot)

Indicates screen orientation status, and you can rotate the screen by clicking the buttons. By selecting the "Lock," you can prevent unnecessary rotation while moving. You can manually rotate the screen by clicking the each button. The screen will automatically rotate by placing the device in the desired direction.



CPU Speed Control

Select the CPU clock control mode. If "Lock" is selected, the speed can't be changed. Auto : CPU speed is automatically adjusted depending on the user's system use. Power Saving : CPU is set at low speed to save power.



4. Establishing a Network

4-1 Using the Wireless network

4-2 Using Bluetooth

Everun supports wireless networks (WiFi), Bluetooth or WLAN(HSPDA, WiMAX)
To use a wired network, a separate USB type LAN card should be purchased.

Wireless Network(WiFi)

- Wireless network is to connect to the home use wire/wireless router or internet wireless service(e.g.hotspot).
- When the wireless network is connected, LAN LED blinks in blue at the upper right side.
- Using the wireless network may require the SSID(name of a device) of wireless AP and a network key for security protection.

For detailed information, please refer to the user guide of each device.

Types of Wireless Network

- AP Connection type

Connect to the AP in an AP installed network

AP(Access Point)

A networking device connecting the wired and wireless devices or networks, meaning the wireless hub for the wired network. Multiple wireless networking computers can be connected to one hub. Home use wired/wireless router belongs to this type.

- Small group network type

This is to wirelessly connect to a computer. Make a small group network in a computer, and multiple computers are wirelessly connected to this host.

(For more detailed information, please refer to Windows Help > Network and web)

- Wireless network services provided by telecom companies would be available in public areas or institutions such as hotels, schools and subway.

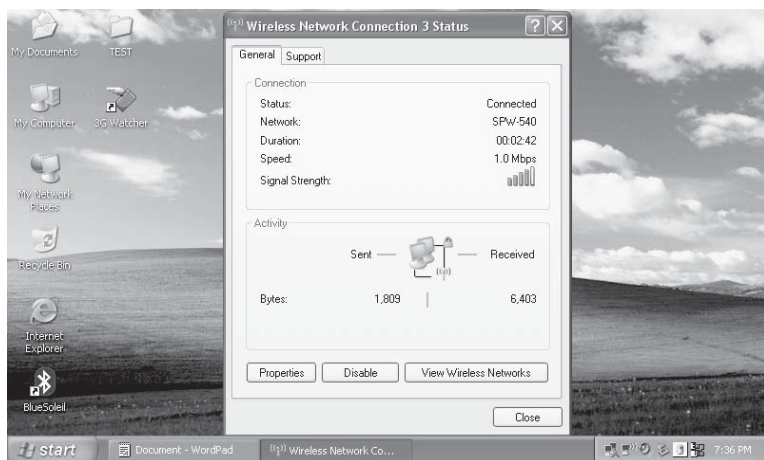
To use the wireless network in hotspot, you have to sign up for the available service products.

Using the Wireless Network

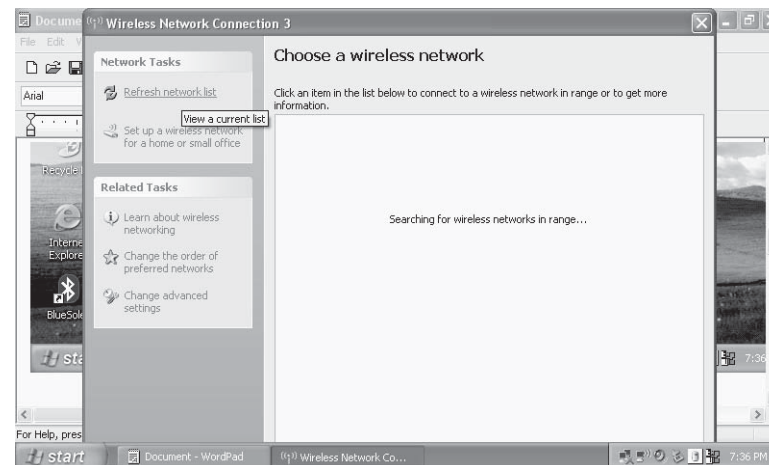
Check the wireless network connection status by clicking the icon on the taskbar indicated by the arrow below.



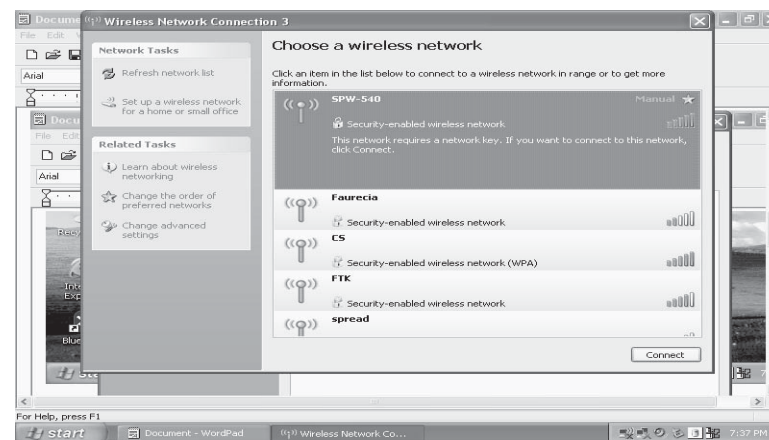
If marked as “connected,” the wireless network is in operation.
If not, click “View wireless networks.”



Press “Refresh the network list” on the left to search for the available networks.

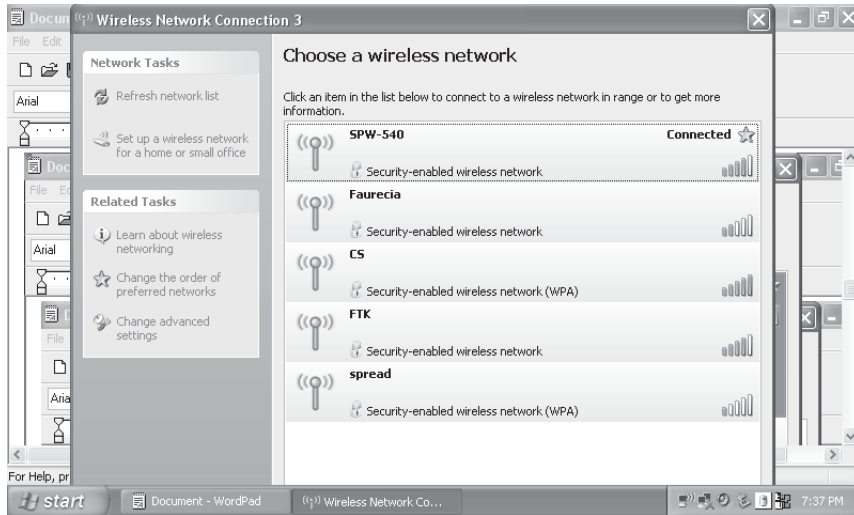


Select the desired network from the list on the right, and then click “connect.”



If the network has security protection, it will ask you to enter a password or PIN code.

A normally operating wireless network would look like below.



When LAN is set to 'Power Save Mode' for a long time, the network sometimes disappears in the available wireless network lists. In that case, exit other running programs and refresh network list.

When the speed is slow in internet or network connectivity is unstable, set "Disable" (Fast mode) for Power save mode in ExpWin program or by short-cut key (Fn+F10). If it is set to the power save mode (IEEE 802.11 Power Save), blue LAN LED blinks. In the fast mode (Disable), the blue LAN LED is on continuously.

When Processor priority is set to High or Real time for a program like movie player, WLAN can be disable in Power Save Mode.

Bluetooth is a technology wirelessly connecting all devices which support it, e.g. mobile phones, printers, stereo headsets, mice, and keyboards. The use of Bluetooth may be restricted due to the profiles applicable to each device.

Bluetooth is used for....

- File transfer

You can transmit files between the two Bluetooth applied devices.
You can also exchange files with other computers, mobile phones and PDAs.

- Network Connection

You can connect the device to the wireless network of a computer with Bluetooth installed, AP or shared server.

- Dial up connection

You can make a dial up connection to a network using a Bluetooth mobile phone.

- Data Synchronization

You can synchronize data stored in the device such as outlook email addresses with Bluetooth enabled devices such as mobile phone, PDA, or laptop computers

- Electronic Business Card Exchange

You can exchange electronic business cards with Bluetooth enabled devices such as mobile phones, PDA or laptop computers.

- Sound Play

Audio or sound files stored in a computer or in a Bluetooth enabled device can be played interchangeably in both types of the devices.

- HID Connection

Bluetooth enabled devices such as keyboard, mouse or joystick are compatible with Everun.

Using Bluetooth

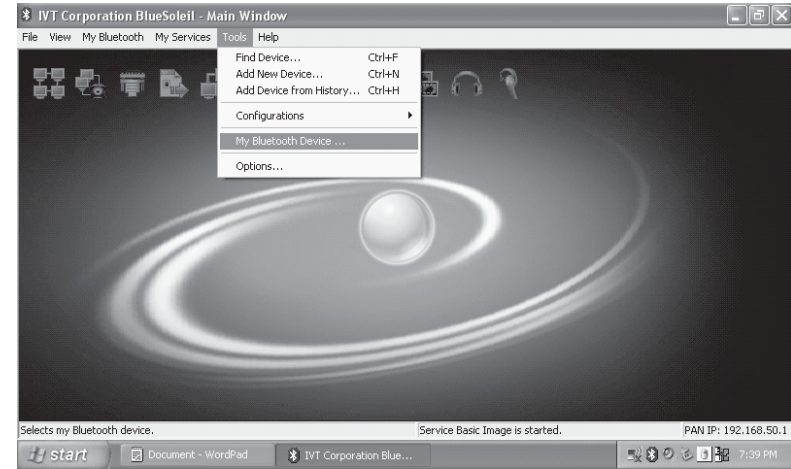
Start the “Blue Soleil” program indicated by the arrow below on the desktop or program folder.



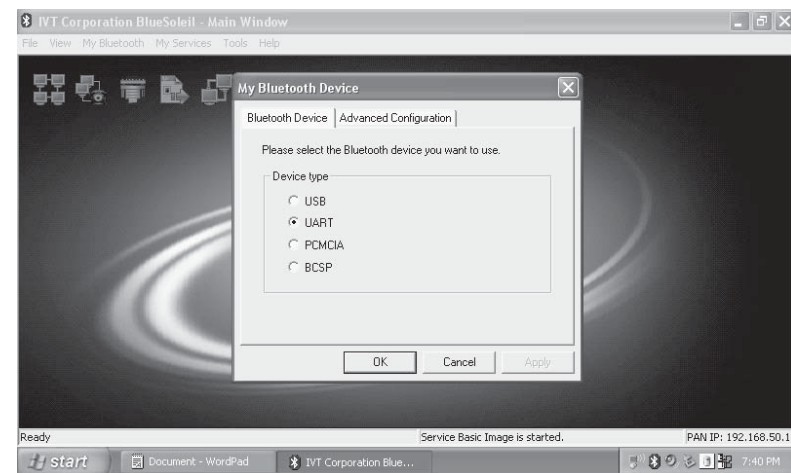
Bluetooth controller(Blue Soleil) has started



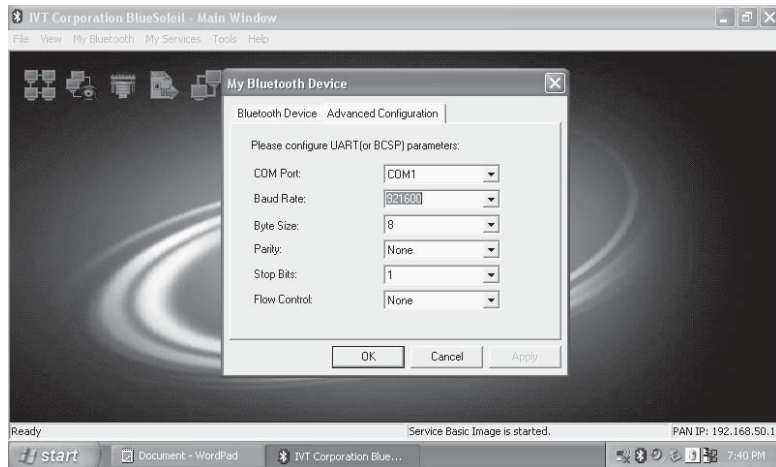
Go to “My Bluetooth Device” under the Tool menu.



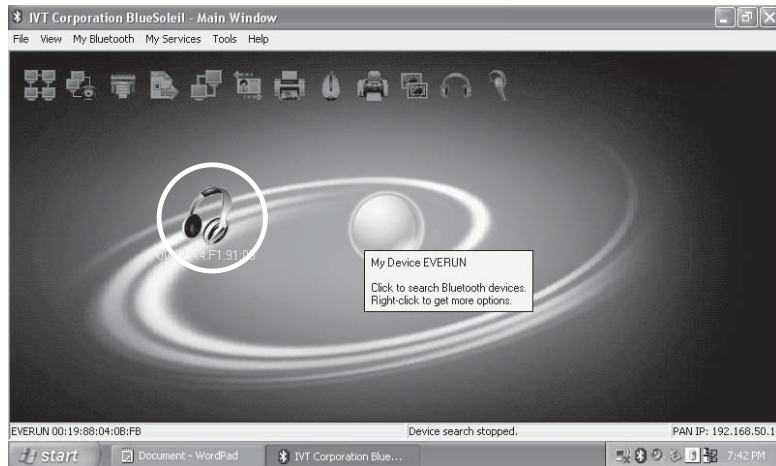
Select the device type of the Bluetooth as “UART” at the device tab.



Select the communication port as “COM1” and select “921600” for the Baud rate. Set other options as shown in the picture below.

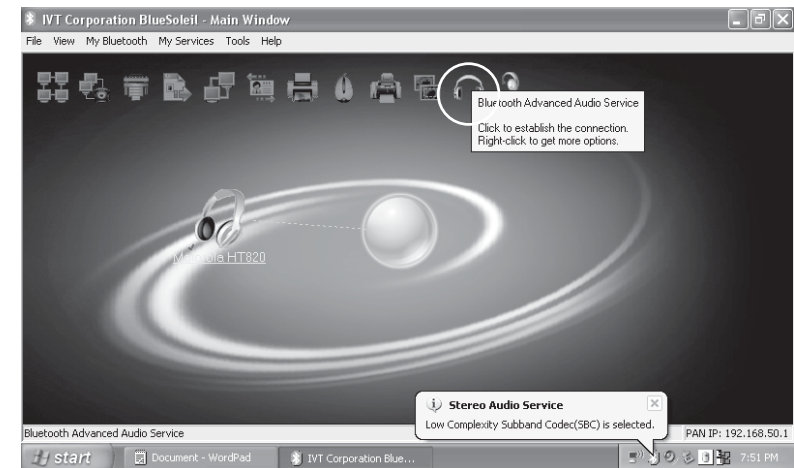


Click the yellow ball in the middle and available Bluetooth devices will appear.



The icons will be activated (colored green) depending on the device you selected. Click the activated icon to connect. If asked to enter a code during the access, find the appropriate code from the Bluetooth device manual.

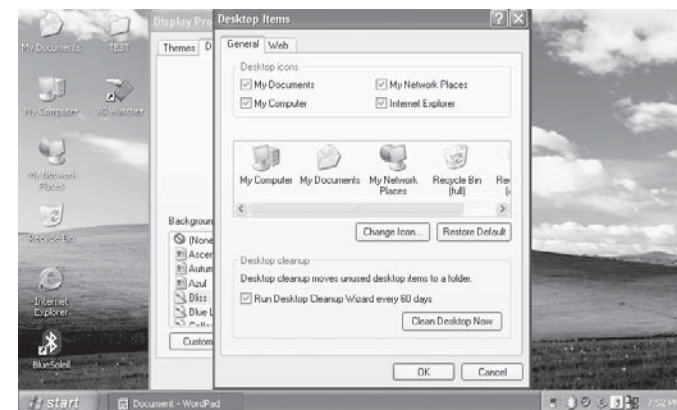
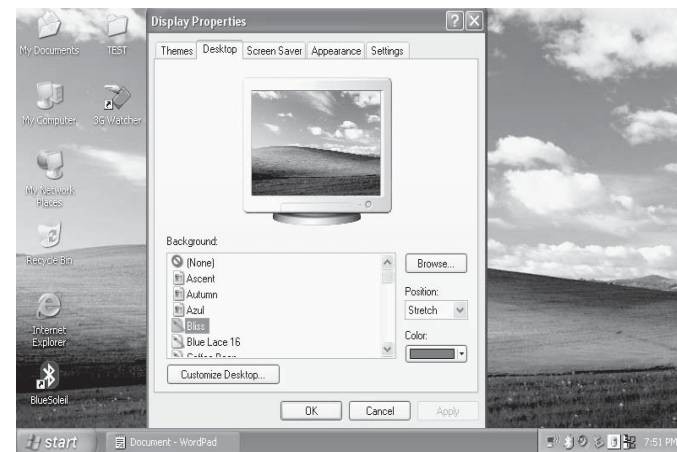
The following shows Bluetooth connection has succeeded.



Windows XP Home Edition installed in the product is identical to that used in personal desk top computers.
For a more detailed manual and features, please refer to the “help” function in Windows.

Desktop Settings

1. Once Windows has started normally, right-click on the desktop.
2. Go to Properties > Desktop > Customize as shown below.
3. Check the desired box and click “OK”.



5. Using Windows XP in Everun

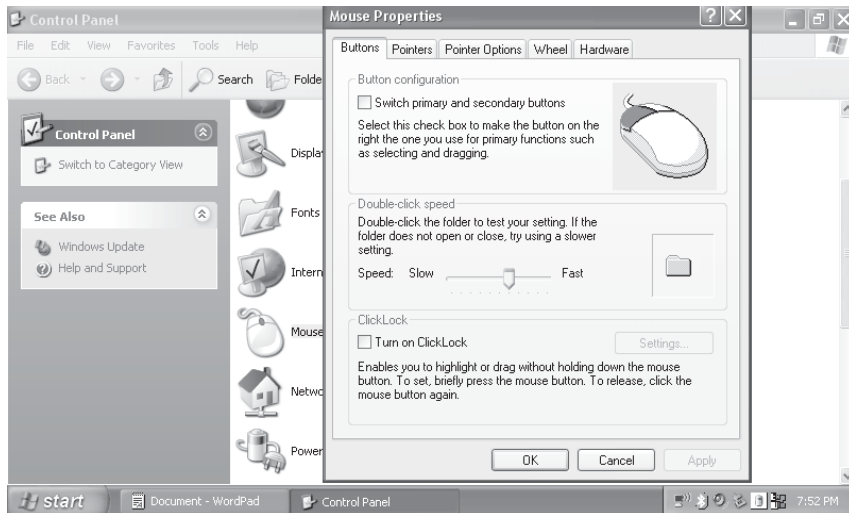
5-1 Desktop Settings

5-2 Mouse Settings

5. Using Windows XP in Everun - Mouse Settings

Mouse Setting

1. Go to Start > Control Panel > Mouse
2. Select the desired items.
3. Click OK to save the setting



6. Recovering Windows XP

Using Windows XP Self Recovery