

INTRODUCTION

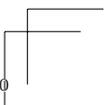
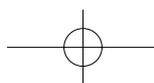
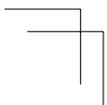
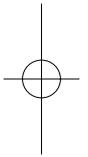
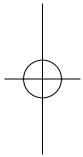
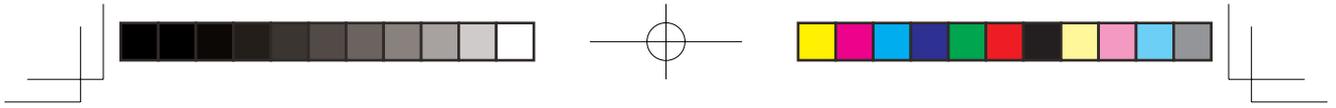
We would like to thank you for making the "VYE S SERIES" of notebook computers your choice for meeting your mobile computing needs.

Please kindly store this guide securely after reading it.

This guide will also provide notice that users have to know when they are using this product in the section "For the Correct Use of this Product and Your Safety." Please kindly read the notice before using the product.

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- The contents described in this guide is subject to change without notice.
- The OS has been installed in this product beforehand. Please kindly bear in mind that any other OS installation in this product may result in computer malfunction.
- Some software have been installed beforehand in this product. According to the software license agreement, only the person who agrees to the terms and conditions contained in the agreement will be authorized to use the software. Any use of software against the terms and conditions prescribed in the agreement is prohibited.
- The product is not designed for use with any equipment or machinery that significantly concerns human life, such as medical equipment, machinery of atomic equipment, aerospace equipment as well as machinery of transportation equipment, etc. We shall NOT take any responsibility of the use for the aforementioned machinery in case of any problems.

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For the Correct Use of this Product and Your Safety

This guide provides notice for customers and others in case of any loss of properties or damages. Please kindly read the notice before using this product.

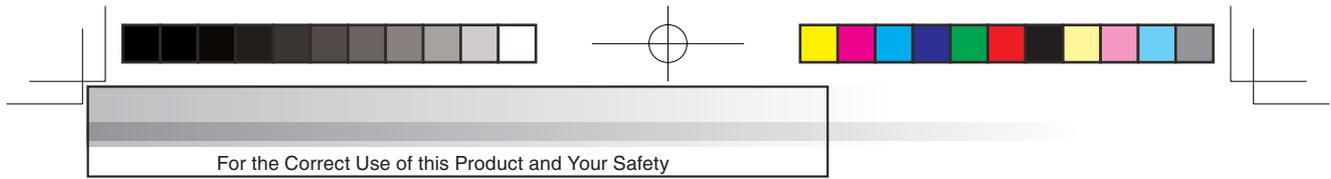
Meanings of Warning Signs

-  **CAUTION** This sign shows the behaviours that may cause death and severe injury in case of violation.
-  **ATTENTION** This sign shows the behaviours that may cause light injury or the heavy damage to the machine in case of violation.
-  **PROHIBITION** This sign shows the prohibited behaviours. The illustration beside the signal describes the content of prohibited behaviours.  means "No Disassembling."
-  **INDICATION** This sign shows the critical indications. The illustration inside the signal describes the content of the indication.  means "Disconnect the plug from the socket."

Attention For Your Safety (CAUTION)

Body

-  Because this machine is a precision machine, please kindly avoid using it near water areas with high moisture (e.g. bathroom) that may result in electric shocks or fire.
-  Please do not repair, disassemble or modify this product; otherwise electric shocks or fire may occur. Any repair for these reasons will be charged accordingly.
-  Please do not put metals or chemicals inside this machine; otherwise a short circuit may occur and thus cause breakdown or fire.
-  Because the base of this machine will heat up if used for a long time, please kindly use it on the desk. Using it on the lap for a long time may cause minor burns. Please also do not use it for prolonged periods on those surfaces that can keep its temperature high (e.g. bedding) and any areas and surfaces obstructing the exhaust vents; otherwise this may cause the machine to overheat.

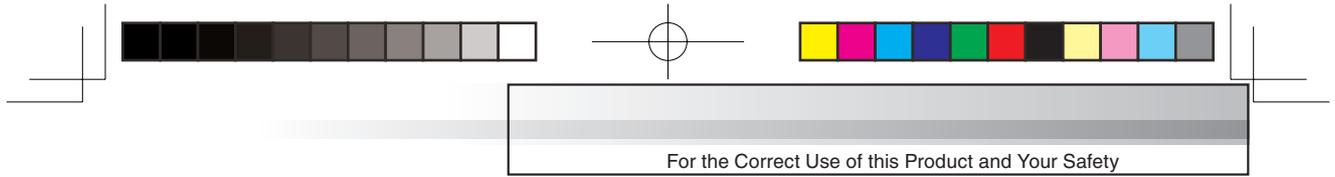


Power, Power Cord, AC Adapter

-  For the AC adapter, please use the one supplied with this product. The use of other alternative adapters may cause electric shock or fire.
-  Please disconnect the plug quickly when the AC adapter is overheated or burnt. Continuous use may cause electric shock or fire.
-  Do not use a kinked or curled power cord; otherwise electric shock or fire may occur.
-  Please immediately stop using the power cord when broken; otherwise electric shock or fire may occur.
-  Please make sure the terminals are not covered by dust when you connect the power cord or AC adapter. Connection of terminals covered by dust may result in fire.
-  Please use 100-240V for the power input. Use of voltage other than within this range may cause electric shock or fire.

Battery pack

-  For the battery pack, please use the one supplied with this product, and also avoid using it for any other products; otherwise it may result in ignition, generation of heat, or explosion.
-  Please do not throw the battery pack into the fire; otherwise it may result in explosion, fire, or injury.
-  Please do not violently hit or drop the battery pack. Strong impact may result in breakdown.
-  Please do not charge the battery pack by using any other method that is not described in this guide; otherwise it may result in explosion or fire.
-  When the battery pack has been charged for a designated period of time, please do not re-charge it even if the charging has not finished yet. Charging continuously may result in ignition, generation of heat, or explosion.
-  Please do not disassemble the battery pack; otherwise it may cause possible damage to the protector inside the battery pack, or ignition, generation of heat, and explosion.
-  Please quickly keep yourself away from the machine if there is stink or leakage of fluid from the battery pack that may cause ignition or explosion.
-  Fluid leaking from the battery pack may result in blinding when it contacts your eyes. Please proceed immediately to the nearest hospital for examination.

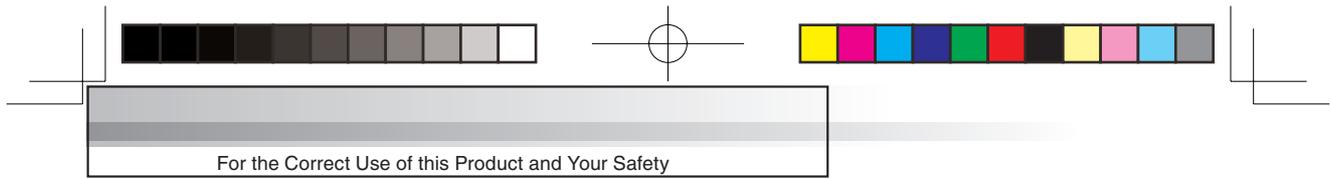


Electric Wave

- ⊘ Please do not use wireless LAN or Bluetooth in restricted environments (e.g. airplanes, hospitals, etc); otherwise it may disable or hinder the operation of sensitive medical equipment, such as a cardiac pacemaker, etc.
- ⊘ For those users with a cardiac pacemaker, please use this machine over 30cm away from the pacemaker; otherwise it may disable or hinder the operation of the cardiac pacemaker.
- ⊘ Please do not use the wireless LAN or Bluetooth in restricted environments (e.g. hospital, airplane, etc.) where the use of wireless machines is limited; otherwise it may influence the electric machinery or human life.
- ⊘ Please do not use the IEEE802.11a mode of wireless LAN outdoors. Violators will be legally punished according to the Electric Wave Act, which prohibits that behaviour.
- ⊘ Please do not use the wireless LAN or Bluetooth near the premises of wireless stations for mobile device identification used in the product line at factories. In case there is any interference of electronic wave with the wireless station for mobile device identification, please immediately stop using the wireless LAN and contact our support centre.

Attention For Your Safety (⚠ Attention)

- ⚡ When unplugging the power cord, do not pull on the cord itself, but pull on the plug head. This is to prevent any damage to the computer due to power surges or short circuits.
- ⚡ Please disconnect the plug when you're not using this machine, overcharging the battery may cause fire or leakage of electricity.
- ⊘ Please do not place this machine on unstable or vibrational places or put heavy things on the machine; otherwise it may cause breakdown or damage.
- ⊘ Please do not hit or drop this machine. Strong impact may result in breakdown.
- ⊘ Please do not use this machine for a long time under direct sunshine, in dusty places, in places of high temperature and humidity, or near heaters; otherwise it may cause fire or breakdown.
- ⚠ Please make sure the operation of hard disk stops before moving this machine; otherwise it may cause breakdown.
- ⊘ Please do not use sharp-pointed objects (e.g. pen, etc) to touch the display; otherwise it may cause damage.
- ⊘ Please do not shut the display when something is being put on the keyboard; otherwise it may cause damage to the display or keyboard.
- ⚠ Always hold the main body when moving this machine. Unfolding the machine while holding the display may burden the display hinge and thus cause damage.
- ⚡ Please quickly turn off the power and disconnect the plug as well as other cables during electrical storms.



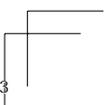
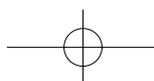
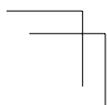
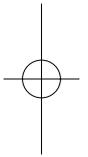
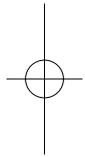
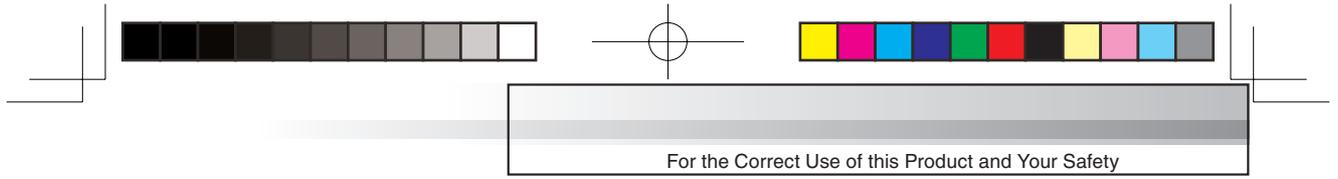
-  Please do not use sharp-pointed objects (e.g. pen, etc) or apply strong pressure to operate the touch pad; otherwise it may cause damage.
-  Please do not put objects on the cables. Damaged cables may result in leakage of electricity or fire.
-  Please quickly clean your clothes or body if stained with the fluid leaking from the battery pack, and go to the nearest hospital for a physical examination; otherwise the acid may damage your skin and body.
-  Do not use the battery pack in case of any abnormality (e.g. stink or rust, etc).
-  Please do not cause your battery pack to short-circuit; otherwise it may result in fire, breakdown, or explosion.
-  Please do not splash water on the battery pack; otherwise it may damage it.
-  Please keep children away from the battery pack.
-  Children must be accompanied by their parents (guardians) when using the battery pack.

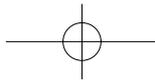
Attention For Your Operation

- Please wipe the stained machine with a clean dry cloth. Please wipe the display with a clean soft cloth because of its vulnerability. To prevent permanent damage to the computer, never spray water, cleaning fluids or chemicals on the display.
- It is recommended to back up your data in the hard disk regularly.
- Please arrange the cables and avoid them being entangled to trip people.
- Please kindly store the accessories with this user's guide properly.

For Your Health

- Please bear in mind that taking a break every 30 minutes or doing some gentle exercises would be advisable after you use this machine for a long time.
- Please adjust the angle or brightness of the display to improve the visibility.
- Blinking words or illustrations on the display due to fast-repeatedly switching images may cause epilepsy or loss of consciousness. For those having this symptom for any reason in the past and for those with related hereditary diseases, please contact your doctor before using this machine.





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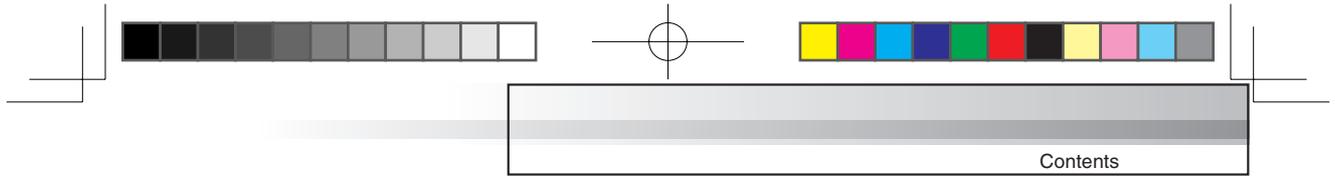
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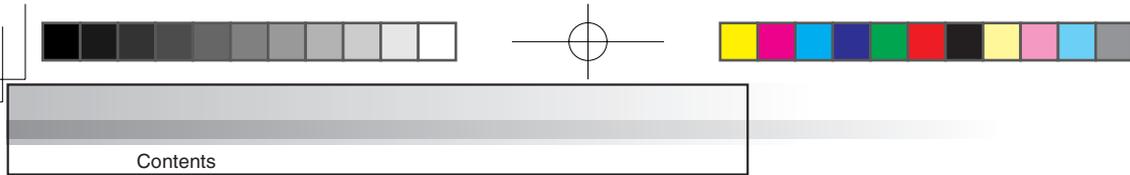
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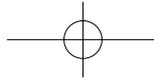


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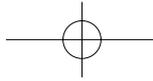


Chapter 1

Computer Setup

This chapter will illustrate the operating environment and your posture when you are using the computer. Information about the way to install the AC adapter and battery pack or how to switch the power modes will also be contained in this chapter.

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1

Operating Environment

1

Computer Setup

Since users are likely to maintain the same posture for a long period of time when using the computer, they will be exhausted more easily if compared with other users engaged in other general operations. This section will illustrate the suggested posture and the operating environment for the use of the computer.

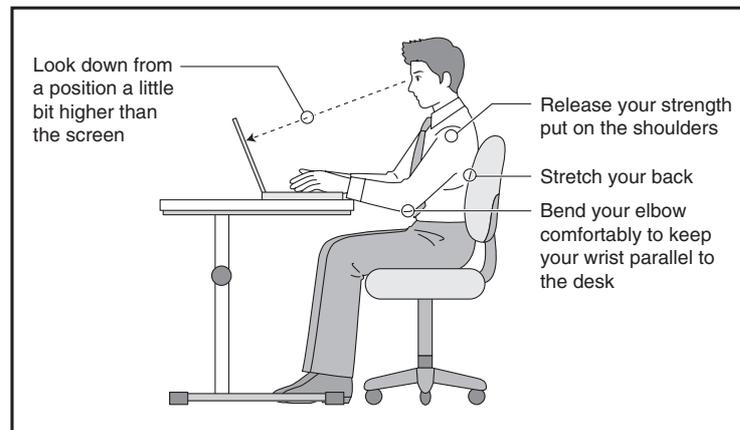
Health Management

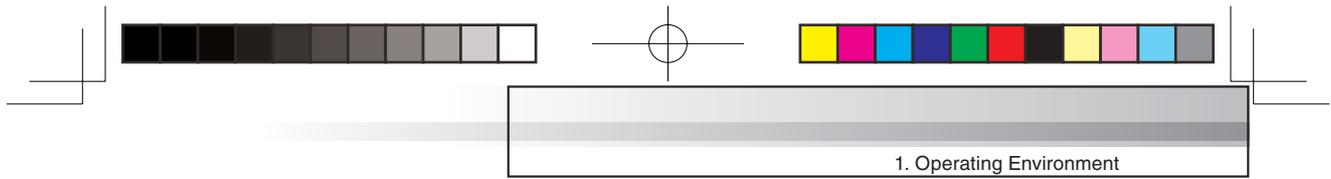
Take a 2 to 3-minute break every 30 minutes after you have operated the machine for a long time. Sedentariness will also cause stress. Do some gentle gymnastics during your break for recreation. When you have symptoms such as eyestrain, sleepiness, dizziness, stiff in the shoulders, or numbness of the wrists or hands, have a rest right away. In case these symptoms remain the next day, please contact your doctor as soon as possible.

Posture When You Are Using the Computer

Please use the computer with your body relaxed and with a good sitting posture. For this, please pay attention to the following tips.

- Adjust the height of the desk and the chair to look down from a position a little bit higher than the screen.
- Adjust the chair until you can lean your back closely on the chair and sit down with your back stretched.
- Relax with no strength put onto your shoulders and bend your knees comfortably.
- Put your wrist comfortably to keep it parallel to the desk.





1. Operating Environment

Operating Environment

Your eyes will feel tired easily if you cannot see the screen clearly. Pay attention to the following tips and adjust the screen constantly to ensure its clear visibility.

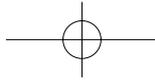
- **Use appropriate lighting**
Use the same appropriate lighting that is intended for office use when you use the computer.
- **Adjust the angle of the display to the position with which you can see the display clearly**
You won't see the screen clearly if the display reflects light. In addition, the visibility of the display varies with the angle due to its feature. Adjust the angle of the display to ensure its clear visibility.
- **Clean the display**
A dusty display makes the screen hard to see clearly. Wipe gently with a soft, dry cloth to clean the display regularly.

ATTENTION

This machine is a precision machine. For the place of installation and operation, please read carefully the section "For the Correct Use of this Product and Your Safety" (☞ page 1) to ensure the correct operation.

1

Computer Setup



2

Installation of the Battery Pack

1

Computer Setup

This machine can be powered by the supplied AC adapter or by a charged battery pack. The battery pack will be charged automatically when the AC adapter is connected. For this, you must first install the battery pack into the machine.



NOTE

Since the battery pack is expendable equipment, continuous use will shorten its life and usable time.

Installation of the Battery Pack

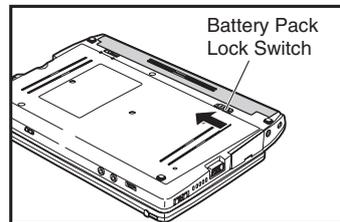
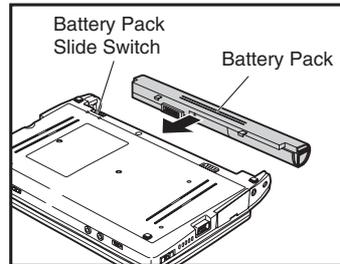
Install the battery pack.

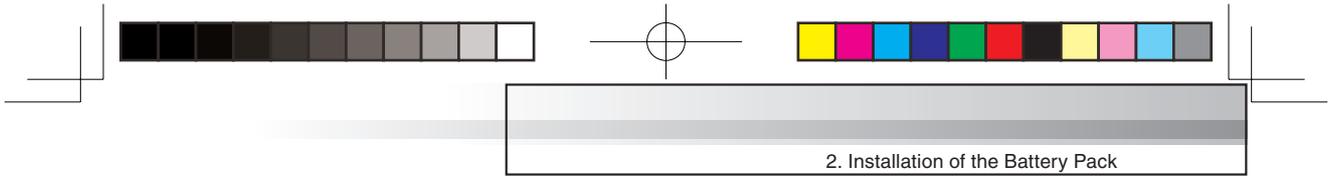


ATTENTION

For the use of battery pack, please read carefully the section "For the Correct Use of this Product and Your Safety" (page 1) to ensure the correct operation.

- 1 Turn the machine upside down.**
- 2 Slide the battery pack for installation in the direction of the arrow.**
Slide it towards the battery pack slot until the slide switch clicks into place.
- 3 Slide the battery pack lock switch to the lock symbol **
Make sure the battery pack is securely locked.



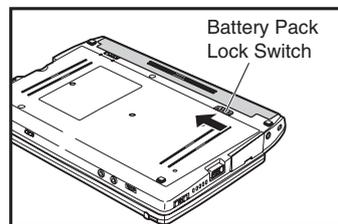
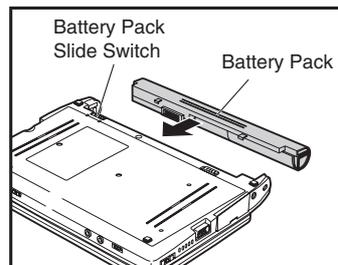
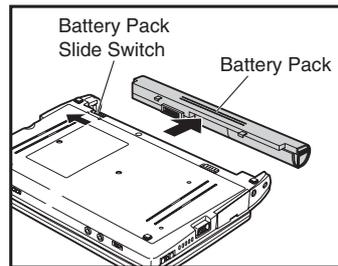
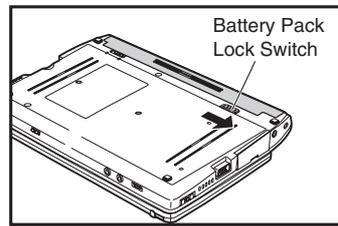


2. Installation of the Battery Pack

Replacement of the Battery Pack

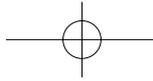
To replace the battery pack when battery power runs out, follow the steps below.

- 1** Switch off the power of the machine.
- 2** Turn the machine upside down.
- 3** Slide the battery pack lock switch to the unlock symbol (🔓).
- 4** Remove the battery pack by sliding the battery pack slide switch to the unlock symbol (🔓).
- 5** Slide the battery pack for installation in the direction of the arrow.
Slide it towards the battery pack slot until the slide switch clicks into place.
- 6** Slide the battery pack lock switch to the lock symbol (🔒).
Make sure the battery pack is securely locked.



1

Computer Setup



3

Connect the AC Adapter

1

Computer Setup

This machine can be powered by connecting directly to the supplied AC adapter. The battery pack will start charging upon the connection of the AC adapter.

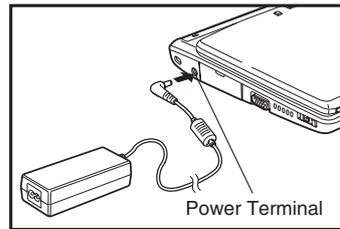
Connect the AC Adapter

Connect the AC Adapter.

CAUTION

Never use another AC adapter and power cord that is not supplied with this product for this machine; otherwise it may result in not only breakdown but also ignition or fire.

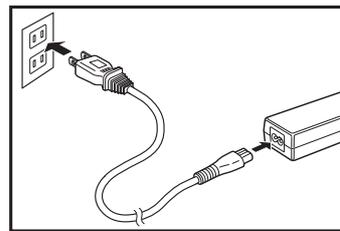
- 1 Insert the head of the AC adapter into the power terminal of this machine.



- 2 Connect the power cord to the AC adapter.

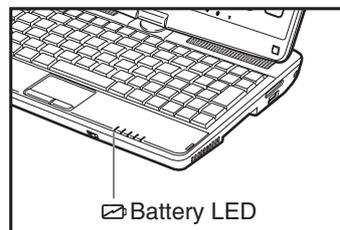
- 3 Insert the plug of the power cord into the power socket.

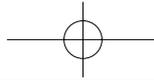
The battery pack will start charging and the battery LED () will slowly blink. The battery LED will turn off after the battery pack has been fully charged.



NOTE

- It requires about 2.2 hours to fully charge the battery pack.
- This machine is powered by the AC adapter instead of the battery when the AC adapter is being connected. For this reason, there is no need to pay attention to the charging condition of the battery.





3. Connect the AC Adapter

Conditions of Power Supply

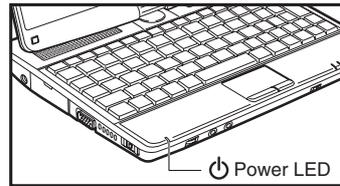
Confirm the power LED, AC adapter LED and the battery LED for the condition of the power of this machine.

● Power LED (⏻)

LED On: This indicates the power of this machine is switched on.

LED Blinking: This indicates it is under sleep (power saving mode) condition.
(page 18)

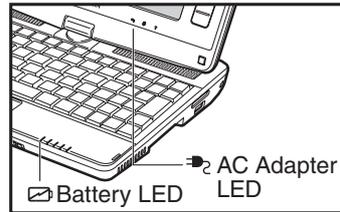
LED Off: This indicates the power of this machine is switched off or goes into the hibernate state.
(page 18)



● AC Adapter LED (⏻)

LED On: This indicates the machine is being powered by the AC adapter.

LED Off: This indicates the power of the machine is switched off, or the machine is being powered by the battery pack.



● Battery LED (🔋)

LED On: This indicates the machine is being powered by the battery pack with the AC adapter disconnected.

LED Blinking: Blinking slowly indicates that the battery pack is being charged with the AC adapter connected. Blinking fast indicates that the AC adapter is disconnected and battery power is low.

LED Off: This indicates that the power of this machine is switched off or is being powered by the AC adapter with the battery pack disconnected. This also indicates the battery pack is fully charged with the AC adapter connected.

⚠ ATTENTION

- If battery power is becoming low, connect the AC adapter quickly, save the data you're processing and switch off the power of the machine. If you use it continuously, the power of the machine may be switched off automatically and the data you're processing may be lost.
- For the use of the AC adapter, please read carefully the section "For the Correct Use of this Product and Your Safety" (page 1) to ensure your correct operation.

Removal of the AC Adapter

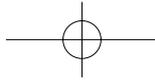
When the battery pack is charged, you can use this machine without the AC adapter. For this, you can remove the plug of the power cord from the power socket and then remove the AC adapter head from the power terminal of this machine.

⚠ CAUTION

Always hold the plug when disconnecting the power cord. Pulling the power cord out of the socket in an inappropriate manner may cause internal damage of the machine or fire.

1

Computer Setup



4

Power ON/OFF

This section will illustrate how to switch on/off the power of this machine.

1

Computer Setup



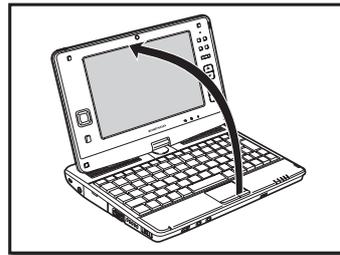
NOTE

The screen of Windows setup will be displayed when you first switch on the power after purchase. Please refer to the attached "Quick Setup Guide" to complete the computer setup in advance.

Power ON

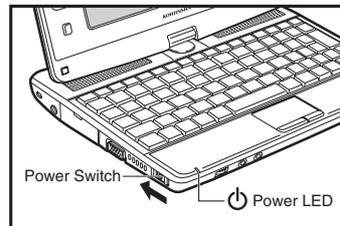
Switch on the power of the machine.

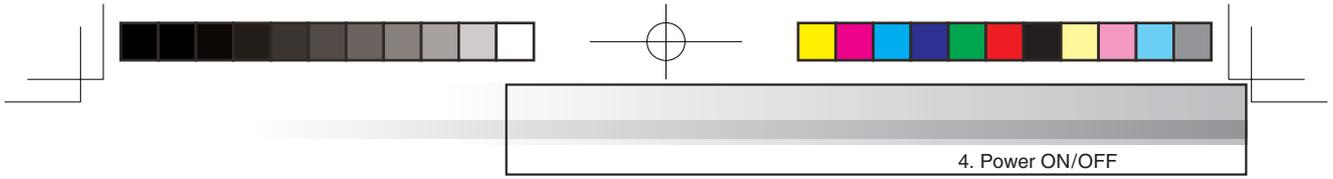
1 Unfold the display.



2 Slide the power switch.

The power will be switched on. After that, the power LED (⏻) will light up.





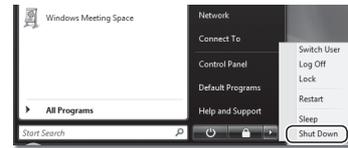
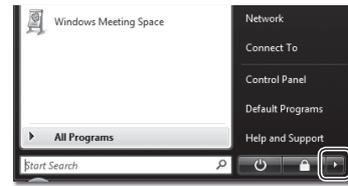
Power OFF

Be sure to switch off the power by using the Windows shutdown menu.

1 Click button.
“Start” menu will be displayed.

2 Click button.
The menu will be displayed.

3 Click “Shut Down”.
The power will soon be switched off.

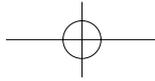


1

Computer Setup

● If you cannot switch off the power

If the mouse cursor cannot move, the keyboard input fails to work, and there is no response when you click somewhere on the screen, slide the power switch of the machine and wait for over 4 seconds to force the shutdown. In this case, please re-switch on the power by sliding the power switch after waiting for a while and then follow the steps above to switch off the power.



5

How to Make Best Use of the Power Saving Mode

1

Computer Setup

This section will illustrate the power saving functions of this machine - sleep mode and hibernate mode.

Sleep Mode

Sleep mode is a function used to conserve energy consumed by the display and hard disk. The status before entering sleep mode can be saved. By operating the power switch, the machine will return to the status before entering sleep mode. Power saving mode serves as a convenient function to save power while the machine is left without operation.

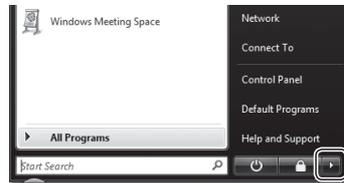
Hibernate Mode

Once hibernate mode starts, the applications and data you are processing will be saved in the hard disk with the power switched off. By using this convenient function, you can resume your processed work next time when you switch on the power.

Enter the Power Saving Mode

1 Click  button.
"Start" menu will be displayed.

2 Click  button.
The menu will be displayed.



3 Select "Sleep".
It will soon enter power saving mode.
The power LED will blink in sleep mode.



NOTE

When hybrid sleep is turned on, "Hibernate" is not available on this menu.
To enable hibernate mode, turn off hybrid sleep on "Power Options" of Control Panel.

4 Press the power switch.
It will return to the original state from power saving mode.

NOTE

You can set up this machine to enable power saving mode to automatically start when it is not used for several minutes or hours. Please refer to the following "Set up the Property of Power Option" for setup.

Set up the Property of Power Option

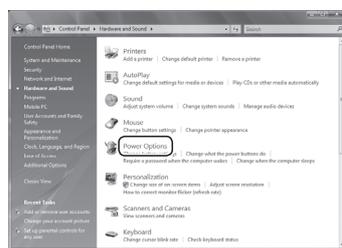
The power options properties allows you to set the automatic start of power saving mode and a function assigned to the power button.

- 1 Click  button. Select “Control Panel” from the “Start” menu.

The screen of “Control Panel” will be displayed.

- 2 Select in order of “Hardware and Sound” → “Power Options”.

The screen of “Power Options” will be displayed. Set up “Power Plans”, “Edit Plan Settings”, and “Advanced Settings”.



1

Computer Setup

- Select a power plan

You can control electricity usage of the machine by selecting a power plan from the three predetermined plans.

“Balanced”

This plan is used to balance electricity consumption with processing speed. It automatically adjusts its processing speed depending on a status of use.

“Power saver”

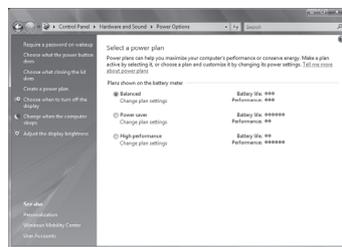
This plan is used to slowdown processing speed to conserve electricity. The battery life can be prolonged by using this plan.

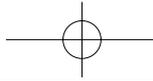
“High performance”

This plan is used to maximize processing speed. The battery life is decreased.

“Balanced” is selected by default. Change the setting depending on your need.

After selecting a desired power plan, select “Change plan settings” down right below.





5. How to Make Best Use of the Power Saving Mode

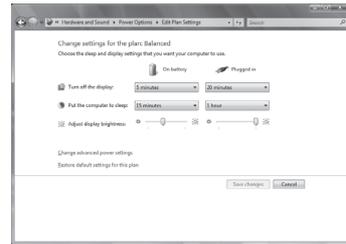
● Edit plan settings

You can set the period of time before entering the power saving mode for either of the following cases; on-battery operation, plug-in operation.

1

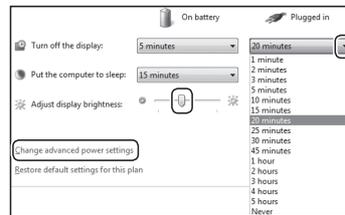
Computer Setup

Click  button of “Turn off the display” and “Put the computer to sleep”. Select a period of time before entering a power saving mode from the displayed menu in the case of either on-battery operation or plug-in operation.



In “Adjust display brightness” menu, set the brightness of the display by dragging  right or left in the case of either on-battery operation or plug-in operation.

After completion of the setup, select “Change advanced power settings”.



● Advanced settings

You can change each hardware settings in detail.

This section describes how to set up “Power buttons and lid” and “Battery”, the frequently used items. Set up other items when needed.

■ Power buttons and lid

You can set up the following three items.

“Lid close action”

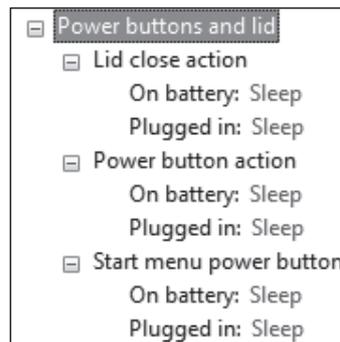
This item is used to set an action taken when the display is closed.

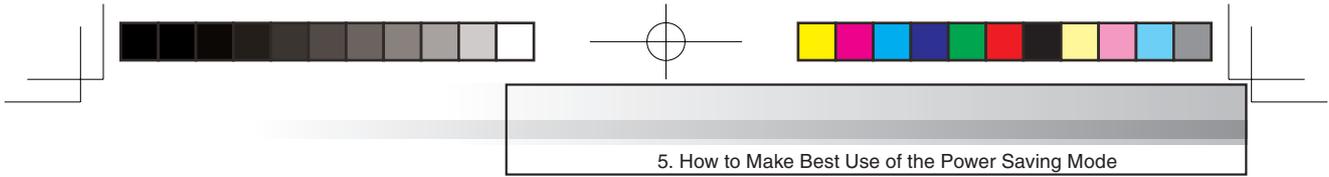
“Power button action”

This item is used to set an action taken when the power switch is pressed.

“Start menu power button”

This item is used to set an action taken when  button is clicked.





Battery

You can set up the following five items.

“Critical battery action”

This is used to set an action taken when the remaining battery amount reaches the level predetermined in the “Critical battery level” setting.

“Low battery level”

This is used to set the remaining battery amount to execute a “Low battery action”.

“Critical battery level”

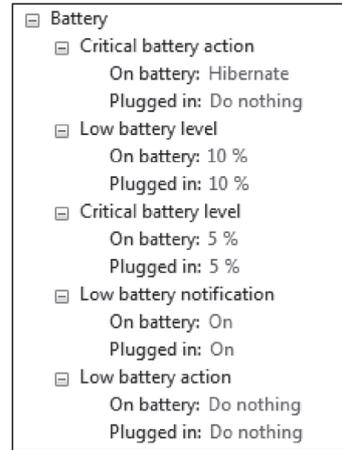
This is used to set the remaining battery amount to execute a “Critical battery action”.

“Low battery notification”

This is used to set whether to notify the user when the remaining battery amount reaches the level predetermined in the “Low battery level” setting.

“Low battery action”

This is used to set an action taken when the remaining battery amount reaches the level predetermined in the “Low battery level” setting.

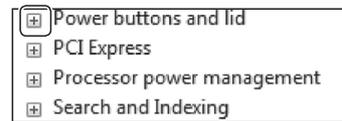


1
Computer Setup

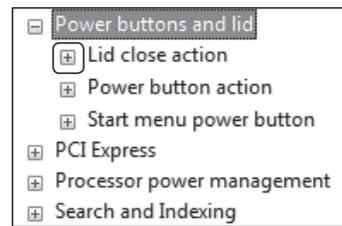
How to set up

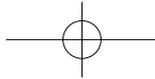
How to set up “Lid close action” item of “Power buttons and lid” is described below for example.

- 1 Click located the left side of a desired item.
Corresponding sub items will be displayed.



- 2 Click located the left side of a desired sub item.
Items available for setting will be displayed.



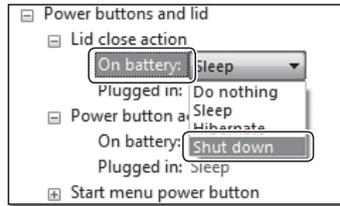


5. How to Make Best Use of the Power Saving Mode

1

Computer Setup

- 3** Select either “On battery” or “Plugged in”, and click  on the right side.
A list of items available for setting will be displayed.

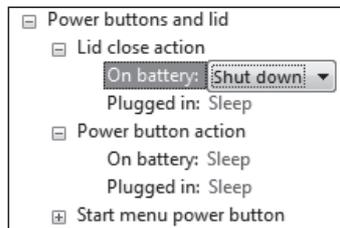
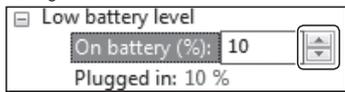


- 4** Select a desired item and change settings.

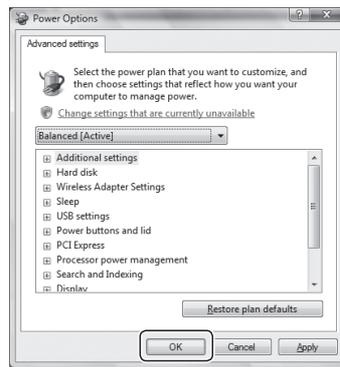


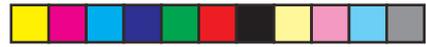
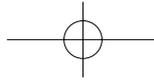
NOTE

To set up an item (e.g. “Low battery level”, etc) which is set in percent figures, click  button and change value setting.



- 5** To complete the setup, click “OK” button.





Chapter 2

Basic Operations

This chapter will illustrate the names of each part of this machine, the operation of touch pad and keyboard, and the knowledge that you have to know in advance for the use of this machine.

1 Names and Functions of Each Part	24
2 Rotation of the Display	29
3 How to Use the Touch Pad	32
4 How to Use the Stick Pointer	34
5 How to Use the Touch Panel	37
6 How to Use the Stylus Pen	40
7 How to Use the Keyboard	45
8 Audio Function	52
9 How to Use the Web Camera	54

1

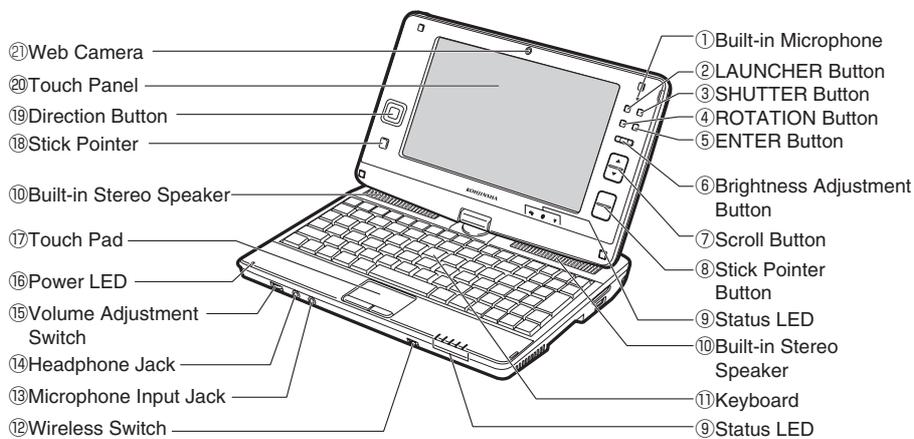
Names and Functions of Each Part

The name and functions of each part of this machine are as follows.

Front

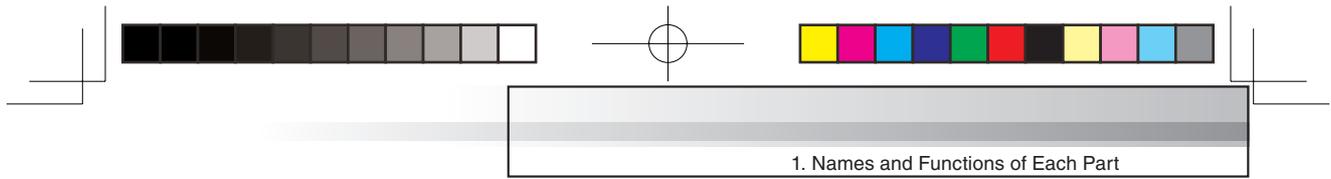
2

Basic Operations

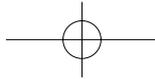


- ① **Built-in Microphone**
Internal microphone for sound recording.
- ② **LAUNCHER Button**
Home Premium Edition:
Home Basic Edition: This is used to activate the Windows Media Player.
- ③ **SHUTTER Button**
This is used to activate the camera application. You can take a still image by pressing it while the camera application is running.

- ④ **ROTATION Button**
This is used to rotate the screen display clockwise.
The rotation angle menu is displayed when the button is pressed. Rotation angle changes each time you press it according to the number of times it is pressed as follows;
90 degree (pressed once)
180 degree (pressed two times)
270 degree (pressed three times)
0 degree (pressed four times)



- ⑤ **ENTER Button**
This offers you the same function as the Enter key of the keyboard.
- ⑥ **Brightness Adjustment Button**
This allows you to adjust the screen brightness.
- ⑦ **Scroll Button**
This allows you to scroll the content of the activated window for about the range of one page and offers you the same function as PgUp/PgDn (☞ page 36).
- ⑧ **Stick Pointer Button**
This allows you to select an icon or activate its function, and offers you the same function of right-clicking/left-clicking of the mouse. (☞ pages 35-36).
- ⑨ **Status LED**
This informs you about the status of each function of the computer (e.g. power, operation of hard disk, etc).
- ⑩ **Built-in Stereo Speaker**
Left and Right speakers deliver stereo audio output.
- ⑪ **Keyboard**
This allows you to type or run the applications
- ⑫ **Wireless Switch**
This is used to switch between wireless LAN on and off, and between bluetooth on and off.
- ⑬ **Microphone Input Jack**
Accepts input from external microphone.
- ⑭ **Headphone Jack**
This is used to connect the headphone for audio output.
- ⑮ **Volume Adjustment Switch**
This allows you to adjust the volume. (☞ page 53)
- ⑯ **Power LED**
This informs you about power status of the machine. (☞ page 15)
- ⑰ **Touch Pad**
This allows you to move the mouse cursor on the screen and offers you the same function of the mouse (☞ pages 32-33).
- ⑱ **Stick Pointer**
This allows you to move the mouse cursor on the screen and offers you the same function of the mouse (☞ pages 34-36).
- ⑲ **Direction Button**
This allows you to make item selection and offers you the same function as the cursor key on the keyboard. (☞ page 36)
- ⑳ **Touch Panel**
This allows you to operate the mouse cursor with the stylus pen. (☞ pages 37-39)
- ㉑ **Web Camera**
This is used to take a still image or motion picture. (☞ page 54)

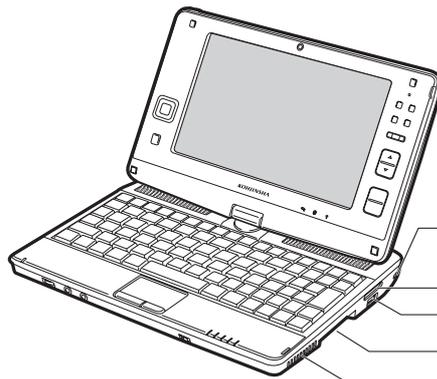


1. Names and Functions of Each Part

Right Side

2

Basic Operations



① Kensington Security Slot

② 3 in 1 Media Slot

③ USB2.0 Port

④ CF Card Slot

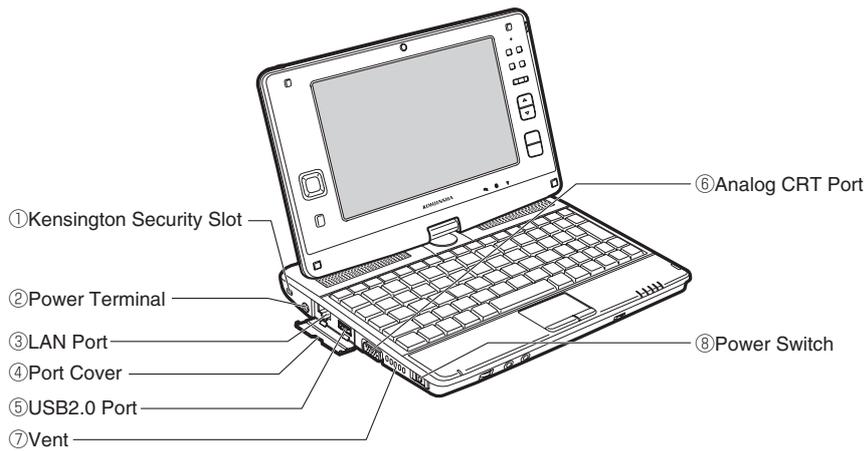
⑤ Vent

- ① **Kensington Security Slot**
This slot allows you to install the burglar-proof Kensington lock for the computer.
- ② **3 in 1 Media Slot**
This is used to insert a memory card.
(☞ pages 67-68)
- ③ **USB2.0 Port**
This allows you to connect to various USB supported devices. (☞ pages 65-66)
- ④ **CF Card Slot**
This is used to insert the CompactFlash card (CF card). (☞ pages 69-70)
- ⑤ **Vent**
This is used to exhaust the heat inside the computer.

ATTENTION

Do not block the vent. Heat accumulated inside the computer may lead to breakdown.

Left Side



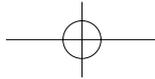
- ① **Kensington Security Slot**
This slot allows you to install the burglar-proof Kensington lock for the computer.
- ② **Power Terminal**
This is used to connect to the supplied AC adapter. (☞ page 14)
- ③ **LAN Port**
This is used to connect to LAN, or connect with LAN cable when you use ADSL for Internet connection.
- ④ **Port Cover**
This is used to hide a USB2.0 port/LAN port. Open it when you intend to use a USB2.0 port/ LAN port.
- ⑤ **USB2.0 Port**
This allows you to connect to USB-supported devices. (☞ pages 65-66)
- ⑥ **Analog CRT Port**
This allows you to connect to an external display. (☞ page 71)

- ⑦ **Vent**
This is used to exhaust the heat inside the computer.

ATTENTION

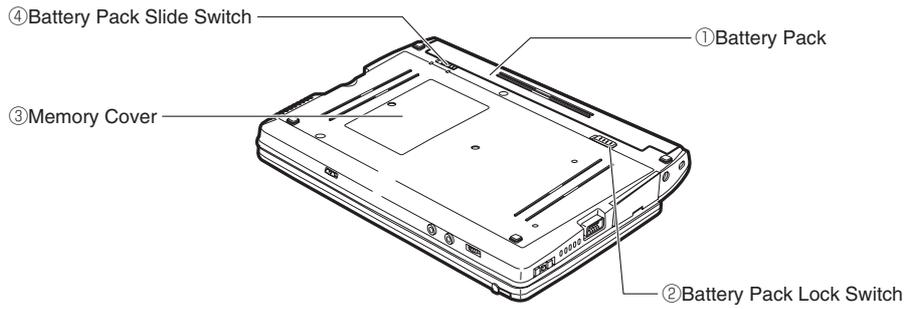
Do not block the vent. Heat accumulated inside the computer may lead to breakdown.

- ⑧ **Power Switch**
Switch on the power of the machine. (☞ page 16)



1. Names and Functions of Each Part

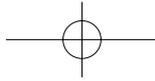
Bottom



2

Basic Operations

- ① **Battery Pack**
This serves as the main power of this machine when the AC adapter cannot be used. (☞ pages 12-13)
- ② **Battery Pack Lock Switch**
This allows you to lock the battery pack to prevent it from releasing or dropping. (☞ pages 12-13)
- ③ **Memory Cover**
This is used to hide the memory. Remove it when you intend to install or replace the memory. (☞ pages 72-73)
- ④ **Battery Pack Slide Switch**
This switch allows you to slide out the battery pack when you intend to remove it. (☞ pages 12-13)



2

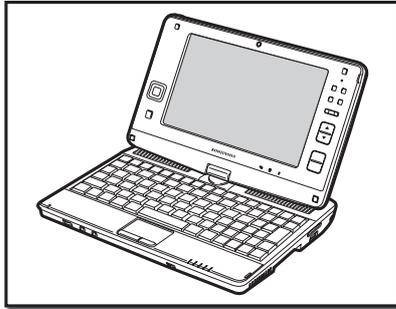
Rotation of the Display

You may use this machine in various styles depending on the usage purposes by rotating the display. This section will illustrate the different purposes and the usage of the four basic styles.

Description of Various Styles

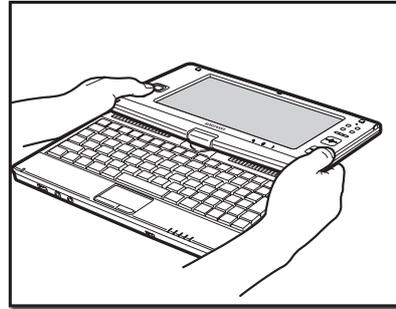
The basic styles used for this machine are illustrated as follows.

● Notebook Style



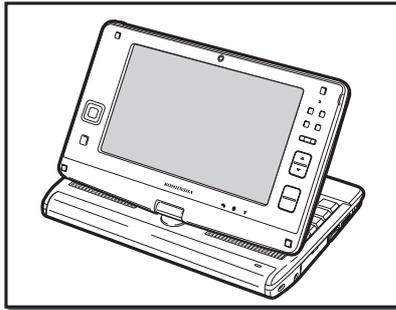
This is a commonly used style.

● Open Style



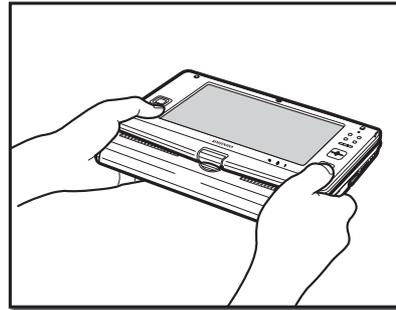
For this style, the display opens 180° from the keyboard. This style can be used for presentation.

● Viewer Style



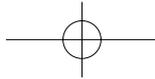
The display opens towards the outside. Use the stick pointer (☞ page 34) for operation. This function can be used by more than one person for video appreciation or presentation, etc.

● Reverse Style



For this style, the display faces upward with the machine folded. Use the stick pointer (☞ page 34) for operation. You can hold the machine with hands for video appreciation.

2



2. Rotation of the Display

2

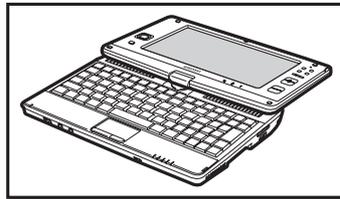
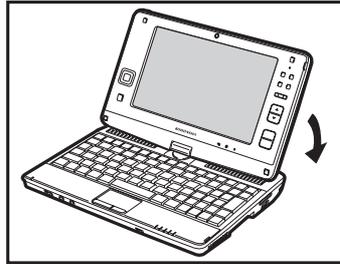
Basic Operations

Change to Open Style

- 1 Press down the display to the back from notebook style. Unfold the display and have it in parallel with the keyboard.

! ATTENTION

Rotate the display to be horizontal from reverse style (page 31). Do not change it to open style. Otherwise the display may get jammed by the keyboard during rotation and cannot be rotated smoothly.

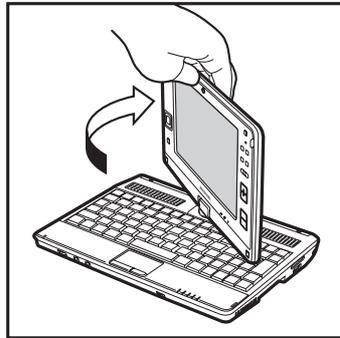


Change to Viewer Style and Reverse Style

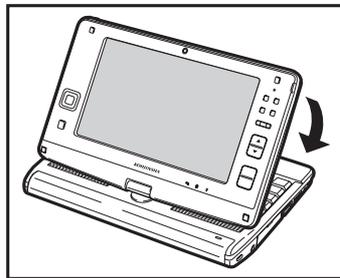
- 1 Keep the display vertical to the keyboard and rotate the display 180° clockwise. Unfold the display and have it in parallel with the keyboard.

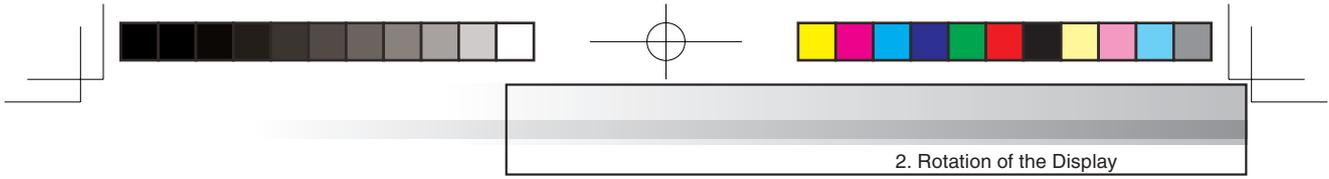
! ATTENTION

When you rotate the display, please do not press it down towards the keyboard. Otherwise the display may get jammed by the keyboard and cannot be rotated smoothly.



- 2 Tilt the display 30° towards the keyboard. It will switch to viewer style.



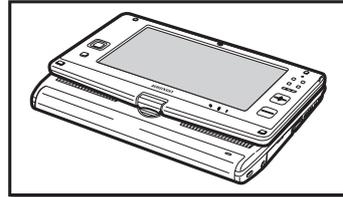
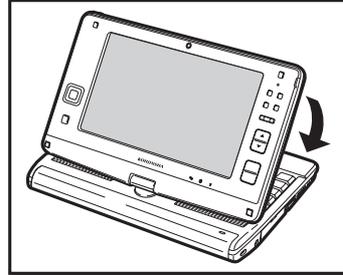


2. Rotation of the Display

- 3** Press the display down to the back from viewer style.
It will become reverse style.

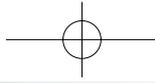
! ATTENTION

Please rotate the display to be horizontal from open style (page 30). Do not change it to reverse style. Otherwise the display may get jammed by the keyboard during rotation and cannot be rotated smoothly.



2

Basic Operations



3

How to Use the Touch Pad

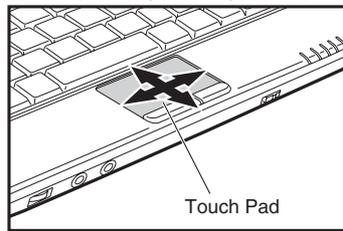
The touch pad allows you to operate the mouse cursor, activate any icon and move the icon. The following demonstrates how to use the touch pad.

2

Basic Operations

Move the Mouse Cursor

Touch the pad above the touch pad with your finger to move the mouse cursor displayed on the screen. You may move your finger in any direction when it touches the pad, and control the mouse cursor by moving your finger in any direction.



Click

Move the mouse cursor on an icon and activate the icon with a "click." The types of click are described as follows.

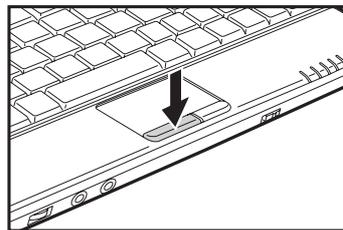
● Left-click

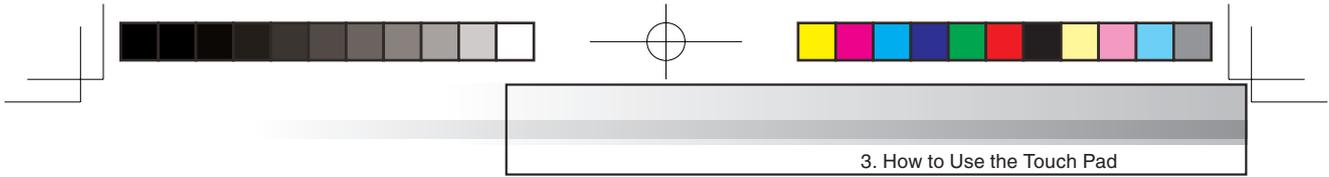
You may select an icon by left-clicking.
Press the left button once for left-click.



NOTE

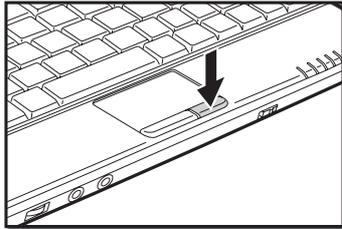
You may also tap on the pad once for left-click.





● **Right-click**

You may confirm the content of an icon by right-clicking to show the menu.
Press the right button once for right-click.



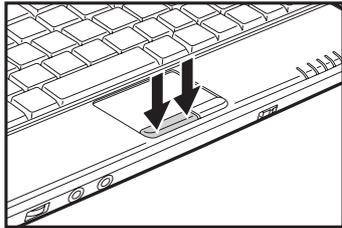
● **Double-click**

You may activate an icon by double-clicking.
Press the left button twice for double-click.



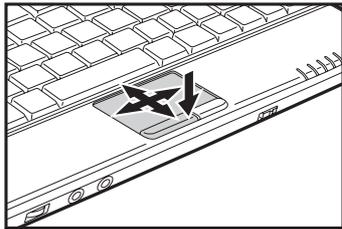
NOTE

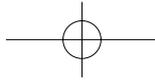
You may also tap on the pad twice for double-click.



Drag

You may move the icon to any desired position by dragging it.
For dragging, move the mouse cursor to any position with the left button of the touch pad being pressed.





4

How to Use the Stick Pointer

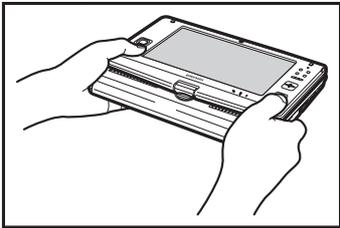
You may use the stick pointer for those various display styles described in "Rotation of the Display" (pages 29-31) in place of the mouse and touch pad.
The way to use the stick pointer will be illustrated as follows.

2

Basic Operations



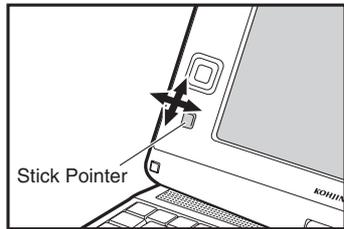
NOTE



You can operate the folded machine by holding it with your hands when you use the stick pointer.

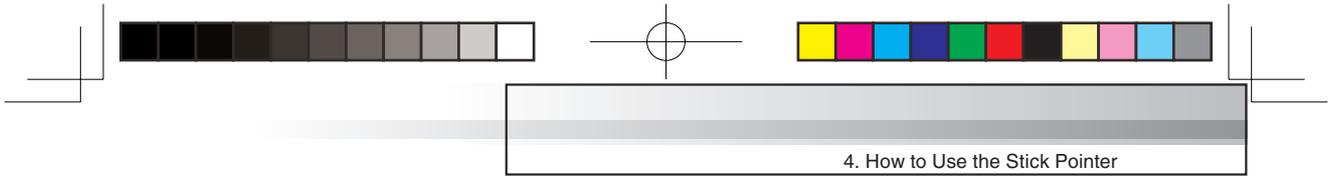
Move the Mouse Cursor

The mouse cursor will move in any direction if you press the stick pointer with your thumb or finger.



NOTE

You may control the movement of the mouse cursor by pressing the stick pointer strongly with your thumb or finger. For instance, the cursor will move faster when you press the stick pointer with more pressure.



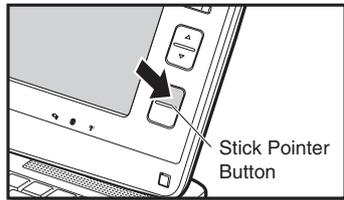
Click

Move the mouse cursor over an icon and activate the icon with a “click.” The types of click are described as follows.

● Left-click

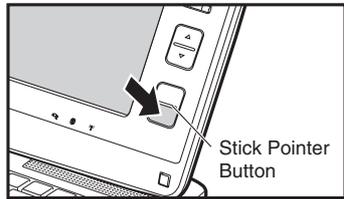
You may select an icon by left-clicking.
Press the “LEFT” button once for left-click actions.

 **NOTE**
You may also tap on the stick pointer once for a left-click.



● Right-click

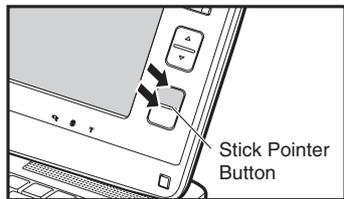
You may select the required action by right-clicking to show the option menu applicable to the icon or task.
Press “RIGHT” button once for right-click actions.

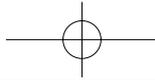


● Double-click

You may activate an icon by double-clicking.
Press the “LEFT” button above the stick pointer twice for a double-click.

 **NOTE**
You may also tap on the stick pointer twice for a double-click action

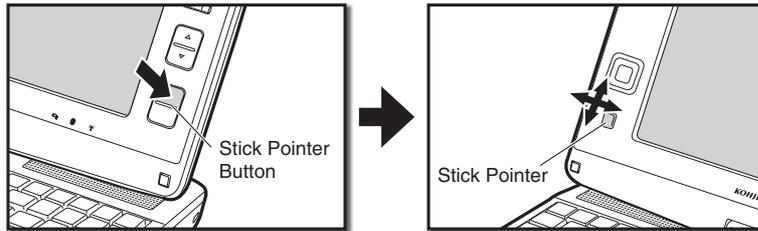




4. How to Use the Stick Pointer

Drag

You may move the icon to any desired position by dragging it.
 For dragging, move the mouse cursor to any position with the stick pointer when the "LEFT" button is being pressed concurrently.

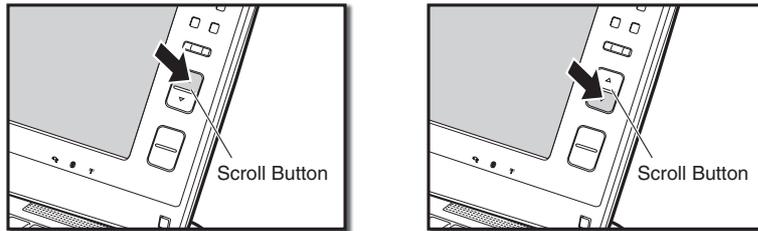


2

Basic Operations

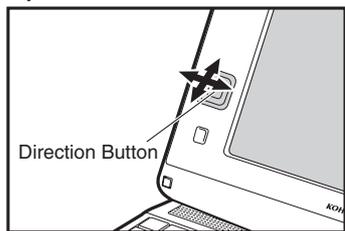
Scroll

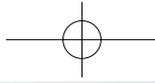
This allows you to scroll the content of the activated window for about the range of one page.
 For scrolling, press the scroll button. The up-direction and down-direction of the scroll button correspond to upward scrolling and downward scrolling respectively.



Move the Cursor

This allows you to move the cursor from side to side and up and down, or to change the selected item.
 For moving the cursor, press the top, bottom, left side, or right side of the direction button according to the direction you wish to move the cursor to. This offers the same function as the cursor key on the keyboard.





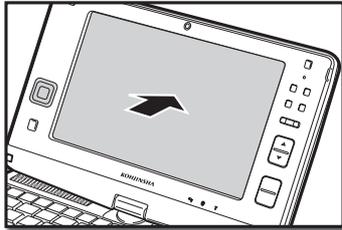
5

How to Use the Touch Panel

The touch panel allows you to operate the mouse cursor with the stylus pen and offers you the same function as the mouse and touch pad. This section will illustrate how to use the touch panel.

Move the Mouse Cursor

You may move the mouse cursor on the screen by "tapping".
"Tapping" is to touch the touch panel with the stylus pen.

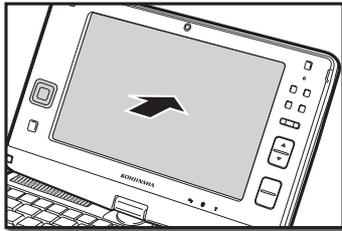


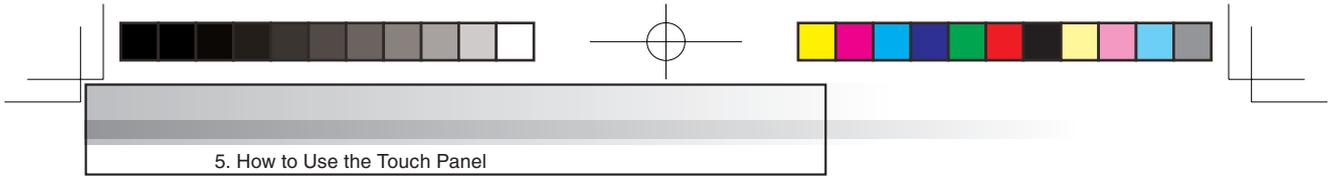
Click

The touch panel allows you to click an item by tapping it.

● Left-click

You may select an icon by left-clicking.
Tap a desired icon, etc on the screen for left-click actions.





5. How to Use the Touch Panel

2

Basic Operations

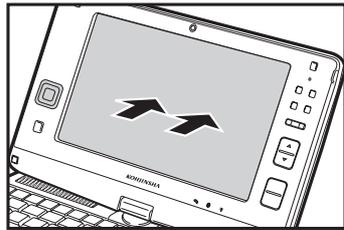
● **Right-click**

You may display a short cut menu by right-clicking.
Tap a desired icon, etc and hold for about one second, and then release the stylus pen from the touch panel after a circle has appeared above the tapped icon, etc for right-click actions.



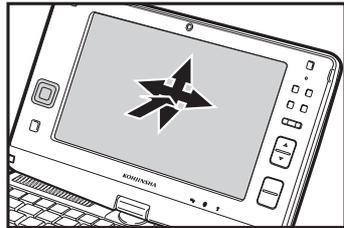
● **Double-click**

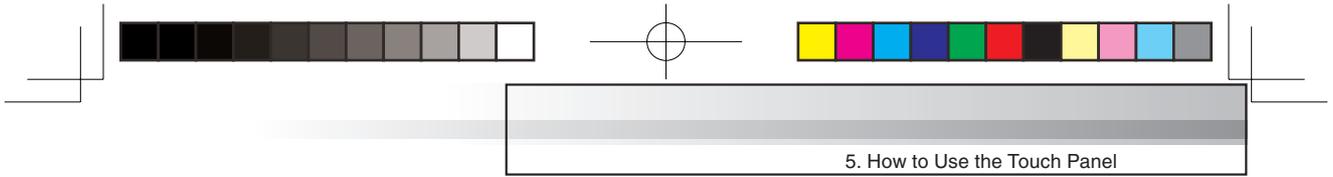
You may activate an icon by double-clicking.
Tap a desired icon, etc twice for double-click actions.



Drag

You may move the icon to any desired position by dragging it.
For dragging, move the stylus pen to the desired location with a desired icon, etc held tapped.

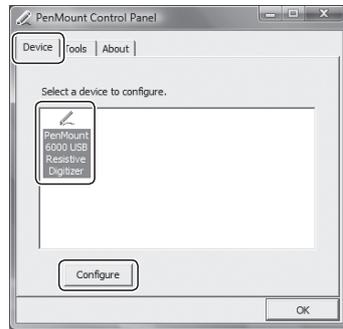
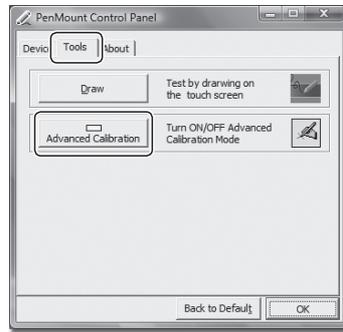




Calibrate the Touch Panel

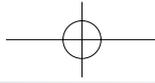
You may calibrate the touch panel if you feel it is not working properly.

- 1 Click "PenMount Control Panel" on the desktop.
"PenMount Control Panel" will be displayed.
- 2 Click "Tools" tab, and activate "Advanced Calibration" button by clicking it.
Once it's activated, the square in the centre of "Advanced Calibration" button flashes yellow.
- 3 Click "Device" tab. Select "PenMount 6000 USB Resistive Digitizer" and click "Configure" button.
- 4 Click "Calibrate" tab, and then click "Advanced Calibration" button.
The screen goes white and calibration starts.
Follow the instructions displayed on the screen and calibrate the touch panel.



2

Basic Operations



6

How to Use the Stylus Pen

The touch panel of this machine allows you to directly enter(draw) characters on screen or operate “On-Screen Keyboard” with the stylus pen using Tablet PC Input Panel. This section will illustrate how to use the stylus pen with Tablet PC Input Panel.

2

Basic Operations

Functions of Tablet PC Input Panel

“Tablet PC Input Panel” is used in order for you to directly enter(draw) characters on screen or operate “On-Screen Keyboard” with the stylus pen. Tablet PC Input Panel offers you the following three functions.

● Writing Pad

This is used in order for you to directly enter(draw) a word(s) or sentence(s) on screen with the stylus pen in the same manner as you put them on paper.



● Character Pad

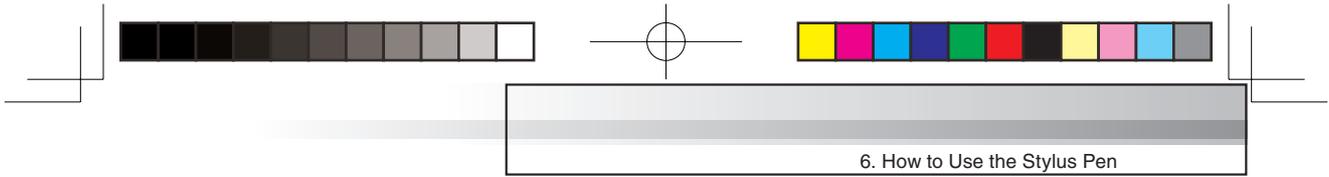
This is used in order for you to directly enter a letter, symbol, or a number on screen with the stylus pen one at a time and edit it character by character.



● On-Screen Keyboard

This is used in order for you to operate the keyboard on screen with the stylus pen through “tapping”. “Tapping” is to touch the touch panel with the stylus pen.





Open Tablet PC Input Panel

Tablet PC Input Panel is automatically activated at the same time when Windows is started. To open Tablet PC Input Panel, tap the "Input Panel tab" on the left side of the screen.

- 1 Tap the "Input Panel tab" on the left side of the screen twice in the same manner as you would double-click it.



Tablet PC Input Panel will be displayed in the centre of the screen.

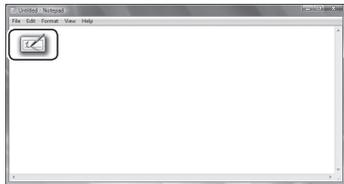


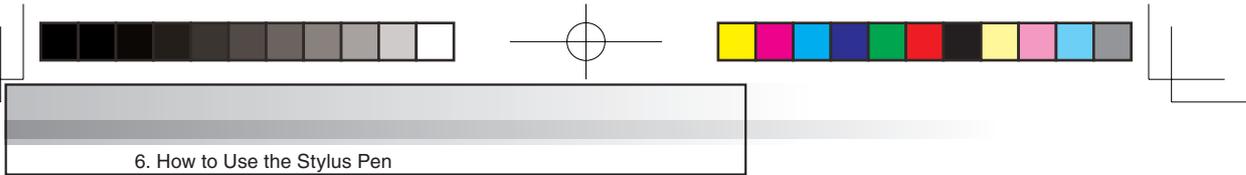
2

Basic Operations

NOTE

When you tap a text-entry field of a text editor such as Note Pad, the call button of Tablet PC Input Panel will be displayed. Tapping the call button opens Tablet PC Input Panel.





6. How to Use the Stylus Pen

Use Writing Pad

Writing pad offers you the function to directly enter(draw) word(s) or sentence(s) on screen with the stylus pen in the same manner as you put them on paper.

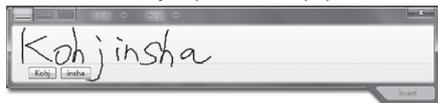
● **Switch to Writing Pad**

Tap  on the top left of Tablet PC Input Panel and switch to "Writing Pad".



● **Enter(draw) a character/characters**

Enter(draw) a character/characters on the displayed Writing Pad directly with the stylus pen in the same manner as you put them on paper.



● **Delete a character/characters**

Strike-through a character/characters that need to be erased with the stylus pen. This will delete the character/characters.



NOTE

When you are using Tablet PC Input Panel, you can use the screen keyboard in the keyboard area on the right of the panel. Tapping "Num", "Sym", "Web" button on the down right of the keyboard area will display the corresponding quick keys as shown below. Those quick keys allow you to enter symbols, URL, etc, easily.



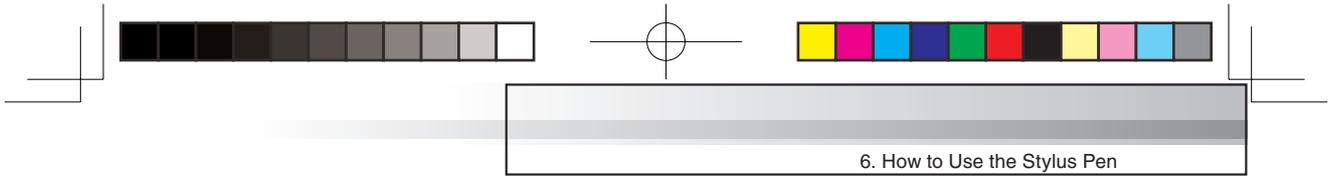
Number Pad



Symbol Pad



Web Quick Keys



Use Character Pad

Character Pad offers you the function to directly enter(draw) a letter, symbol, or a number on screen with the stylus pen one at a time and edit it character by character.

● Switch to Character Pad

Tap  on the top left of Tablet PC Input Panel and switch to "Character Pad".



● Enter(draw) a character/characters

How to enter "Kohjinsha" on the displayed Character Pad is described below for example.

- 1 Enter(draw) "K" with the stylus pen in the far left of the entry field.



The entered character will be recognized after a short time.



- 2 Enter(draw) the remaining characters "ohjinsha" one-by-one in the same manner as in the procedure 1 above.



The character "i" has been misidentified as ";". Correct the misidentified character.



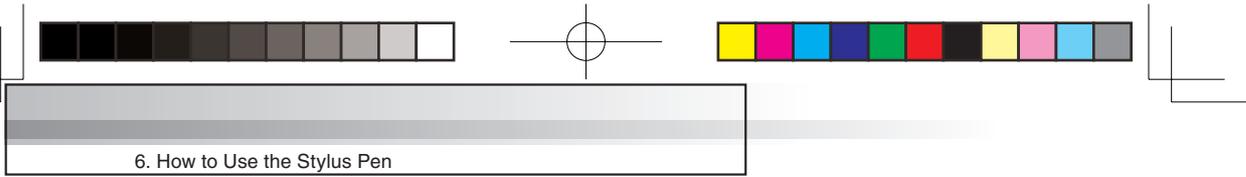
● Refer to possible candidates for correction

You may refer to possible candidates suggested for correction when a entered character has been misidentified.

How to correct the misidentified ";" in the procedure 2 above using this reference function is described below for example.

- 1 Tap "▼" under a misidentified character.
A list of possible candidates for correction will be displayed.





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Basic Operations

2 Select the correct letter “i” from the list.
“;” will be replaced by “i”.



● Rewrite (redraw) a character/characters
Enter (draw) the correct letter “i” over the misidentified letter “;” if there is no correct letter in the list for correction.



● Delete a character/characters
Strike-through a character/characters that need to be erased with the stylus pen. This will delete the character/characters.



● Paste into a text editor
Click “Insert” button on the down right of the pad. A entered character/characters on the pad will be pasted into an active window of a text editor such as Note Pad.



Use On-Screen Keyboard

On-Screen Keyboard offers you the function to operate the keyboard on screen with the stylus pen.

● Switch to On-Screen Keyboard
Tap  on the top left of the panel and switch to “On-Screen Keyboard”.



● Operate On-Screen Keyboard
Operate On-Screen Keyboard with the stylus pen by tapping in the same manner as you operate a standard hardware keyboard.

7

How to Use the Keyboard

Keyboard is used to type and give any command to the computer.
The structure of the keyboard and illustrations of each button are as follows.

Types of Keys on the Keyboard

A key on the keyboard may have multiple functions. The functions of the keyboard can be roughly classified into two types.



● Input keys (the keys framed in the figure above)

You may use input keys to type alphabet, and numbers. The type of characters is changed according to its corresponding control keys. You may also combine the control keys for some specific commands.

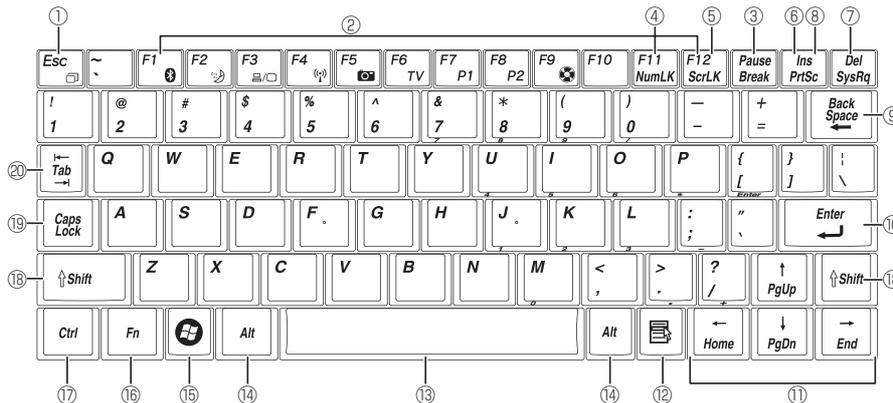
● Control keys (the keys not framed in the figure above)

This is used for specific commands in the computer. Combination with other keys may provide different functions according to software.

The basic function of control keys will be introduced on the next page.

Names and Functions of the Keyboard

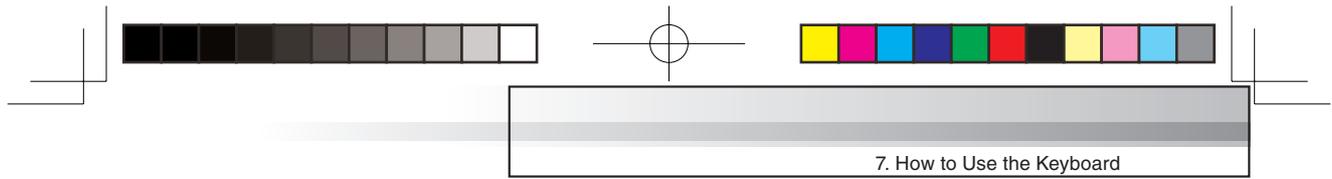
The following are the names of each key on the keyboard and its functions.



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Basic Operations

- ① **Escape (Esc) key**
This allows you to cancel the processing operation or cancel the dialogue box .
- ② **Function (F1-F12) key**
Each key features various functions, which may vary with software.
- ③ **Pause key/Break key**
The processing command will be discontinued if you press them simultaneously with **[Fn]** key.
- ④ **Number Lock (NumLk) key**
Some keys can be switched to Ten Key. (☞ page 48)
- ⑤ **Scroll Lock (ScrLk) key**
Press it simultaneously with **[Fn]** key. This key is hardly used and often used for some shortcut functions.
- ⑥ **Insert (Ins) key**
This allows you to switch to "overwrite mode" and "insert mode" when you type. In "overwrite mode", the words typed in the right will be overwritten by typed words when you type with words being in the right of the cursor. In "insert mode", the words you type will be inserted between the words beside the cursor.
- ⑦ **Delete (Del) key**
Delete one word in the right of the cursor.
- ⑧ **Print Screen (PrtSc) key**
Press it simultaneously with **[Fn]** key. The screen now displayed will be extracted as a bitmap picture. You may use the extracted picture by pasting it to the built-in application "Paint" in Windows.
- ⑨ **Back Space key**
Delete one word in the left of the cursor.
- ⑩ **Enter key**
This allows you to confirm a command. You may also use it to start a new line when typing.
- ⑪ **Cursor key**
This allows you to move the cursor in any direction.



- ⑫ **Application key**
This can show the menu to confirm the content of an icon and offers the same function of a right-click.
- ⑬ **Space key**
This allows you to type a blank space when you are typing an article.
- ⑭ **Alt key**
This allows you to perform various functions by combining it with other keys.
For example, the opening window will be closed if you press Alt key and **[F4]** key simultaneously.
- ⑮ **Windows key**
This key shows the Windows "Start" menu.
It also allows you to perform various functions by combining it with other keys.
For example, the opening windows will all be minimized if you press Windows key and **[M]** key simultaneously.
- ⑯ **Fn key**
It allows you to perform various functions by combining it with other keys. (☞ page 48)
- ⑰ **Control (Ctrl) key**
This allows you to perform various functions by combining it with other keys.
For example, if you press Control key and **[A]** key at the same time when a folder is opening, all the files and folders in it will be selected.
- ⑱ **Shift key**
This allows you to perform various functions by combining it with other keys.
For example, if you press Shift key and Caps Lock key at the same time, you can change the English letters to be uppercase or lowercase.
- ⑲ **Caps Lock key**
When pressing Shift key at the same time, you may also switch to uppercase or lowercase for English letter typing.
- ⑳ **Tab key**
This allows you to type a blank space in a specific interval when you're typing an article.

Settings of Numeric Keys

The following keys can be used as Numeric Keys by pressing **Fn** + **NumLk** keys.



Functions of the Fn Key

This allows you to perform various functions by combining both the Fn key with other keys. The combination and function of the keys are as follows.

- **Fn** + **ESC** keys
(To switch screen resolutions)
You may change the resolution of screen in order of "800x600 mode" → "1024x600 mode" → "Original resolution." (☞ page 78)
- **Fn** + **F1** keys
(To switch to Bluetooth)
This allows you to turn on/off the function of Bluetooth. (☞ pages 61-64)
- **Fn** + **F2** keys **(Sleep button)**
This allows you to switch the machine to sleep mode.
- **Fn** + **F3** keys
(To switch the display)
When an external display is being connected, this allows you to switch the computer either to the display of this machine or the external display, or the both. (☞ page 71)

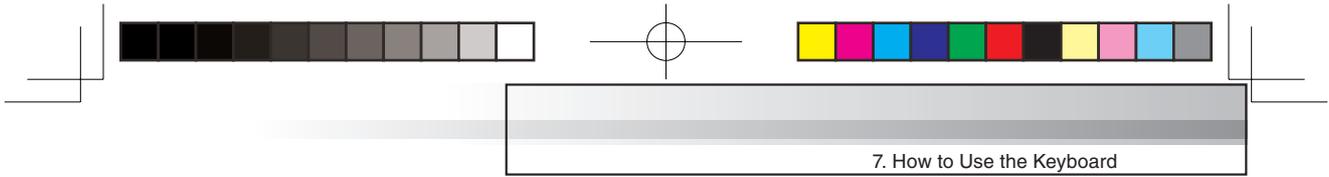
- **Fn** + **F4** keys
(To switch to wireless LAN)
This allows you to turn on/off the function of wireless LAN. (☞ pages 56-60)

- **Fn** + **F5** keys
(To switch to the web camera)
This allows you to turn on/off the function of the web camera. If you press SHUTTER button while the web camera function is turned on, Webcam Studio becomes activated. (☞ page 54)

- **Fn** + **F7** keys **(P1 key)**
This allows you to launch the application assigned beforehand to the P1 key. You can change the application to assign depending on your need. (☞ pages 49-51)

- **Fn** + **F8** keys **(P2 key)**
This allows you to launch the application assigned beforehand to the P2 key. You can change the application to assign depending on your need. (☞ pages 49-51)

- **Fn** + **F9** keys
(To switch to the silent mode)
This allows you to turn on/off the silent mode. You can run the machine in the power saving mode by lowering the rotational frequency of the cooling fan once this function is turned on.



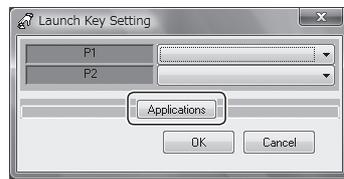
Settings of the P1/P2 Key

This allows you to assign desired applications to the P1 and P2 keys. Once the assignment is made, the corresponding applications can be launched just by pressing those keys.

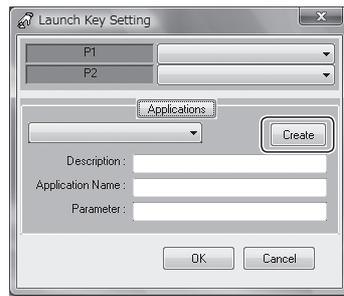
How to assign "Windows Media Player" to the P1 key is described below for example.

- 1 Select in order of  button → "All Programs" → "QLButton" → "QLButton".
"Launch Key Setting" dialogue will be activated.

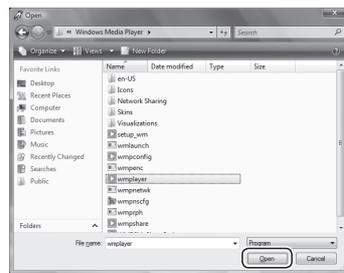
- 2 Click "Applications" button.
The dialogue will change.



- 3 Click "Create" button.
"Open" dialogue will be displayed.



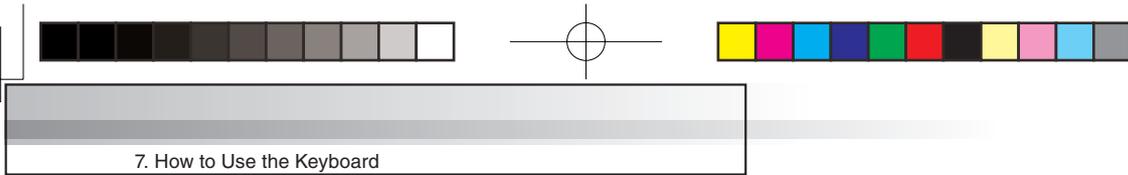
- 4 Select in order of "Computer" → "Local disk (C:)" → "Program Files" folder → "Windows Media Player" folder → "wmpplayer.exe".



- 5 Click "Open" button.
"Open" dialogue will close, and "Launch Key Setting" dialogue will be displayed.

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Basic Operations

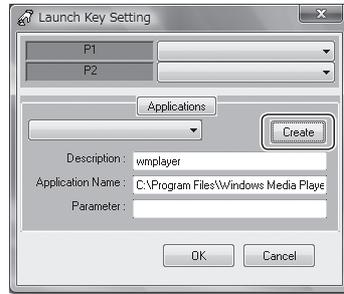


7. How to Use the Keyboard

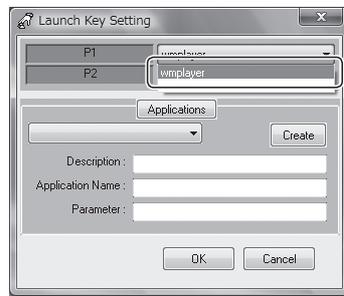
2

Basic Operations

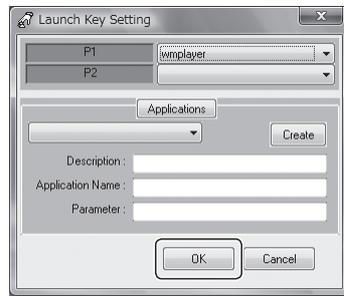
6 Click "Create" button.

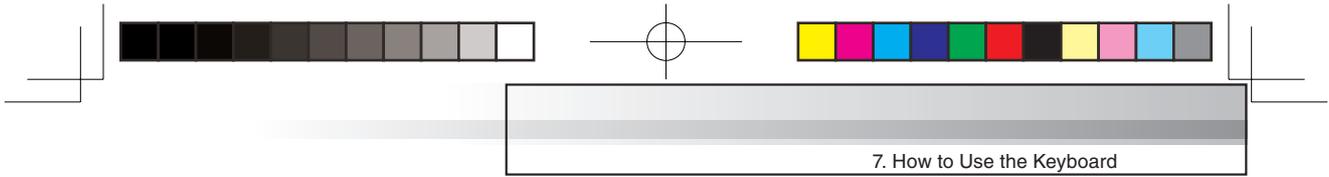


7 Select "wmplayer" from the pull-down menu of "P1".
Windows Media Player will be assigned to "P1" key.



8 Click "OK" button.



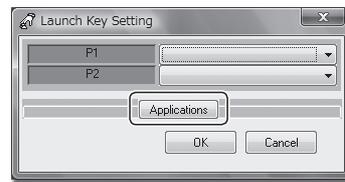


Edit/Cancel Pre-Assigned Setting of the P1/P2 Key

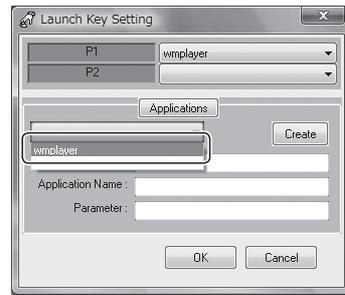
You may edit or cancel the pre-assigned settings of the P1 and P2 keys.

- 1 Select in order of  button → “All Programs” → “QLButton” → “QLButton”.
“Launch Key Setting” dialogue will be activated.

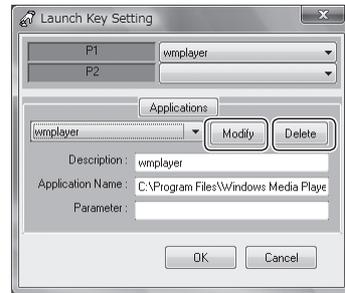
- 2 Click “Applications” button.
The dialogue will change.



- 3 Select “wmpayer” from the pull-down menu located in the middle of the dialogue.

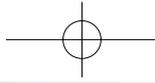


- 4 Click “Modify” button to edit the preset setting, or click “Delete” to cancel the preset setting.



2

Basic Operations



8

Audio Function

This machine features built-in audio capabilities. The stereo speakers built into this machine will produce high-fidelity audio when you activate the audio function. In addition, you may set up audio adjustments.

Volume Adjustment

This allows you to adjust the sound volume from the stereo speakers built in this machine.

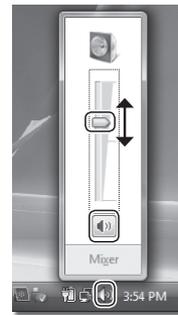
2

Basic Operations

Adjust volume using task bar

You may adjust volume using task bar.

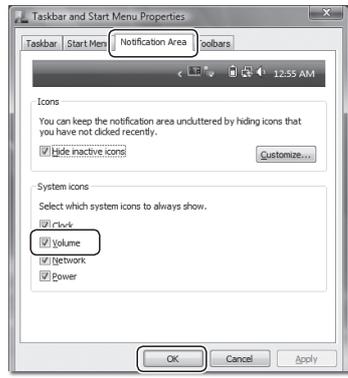
- 1 **Click the speaker icon in the notification area.**
The menu for volume adjustment will be displayed.
- 2 **Move the slider up or down by dragging it.**
You may increase the volume by dragging up the slider or decrease the volume by dragging down the slider.
- 3 **Click  button when you want the sound to be inaudible (muted).**
The sound from the built-in stereo speakers will be inaudible.

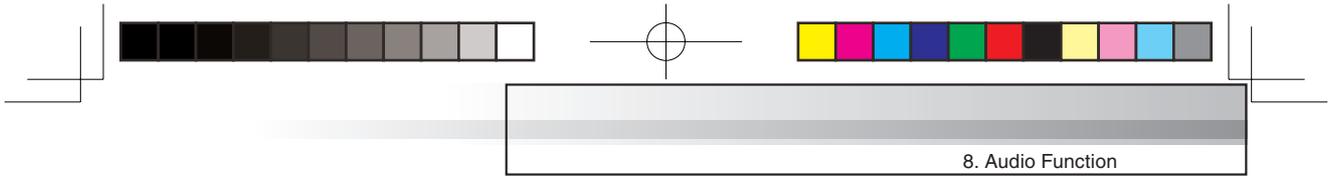


NOTE

Follow the next steps when there is no speaker icon on the task bar.

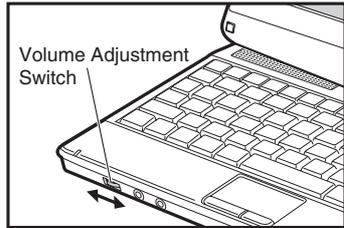
- ① Move the mouse cursor and place it on the task bar. Right-click on the task bar and select "Properties" from the displayed menu.
- ② Select "Notification Area" tab from the displayed dialogue.
- ③ Check "Volume" inside the "System icons" box.
- ④ Click "OK" button.





● **Adjust volume using Volume Adjustment Switch**

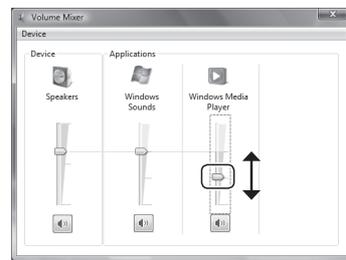
Volume Adjustment Switch located in the front side of the main body is used to adjust the volume. You may increase the volume by moving the Volume Adjustment Switch to the right or decrease the volume by moving it to the left.



Per-Application Volume Setting

You may set the volume for each application.

- 1** Activate a desired application to set the volume for and keep it running.
- 2** Right-click the speaker icon in the notification area.
A menu will be displayed.
- 3** Select "Open Volume Mixer" from the menu.
The "Volume Mixer" dialogue will be displayed.
- 4** Move the slider in a desired application box up or down by dragging it.
You may increase the volume by dragging up the slider or decrease the volume by dragging down the slider.



9

How to Use the Web Camera

A web camera is mounted at the top of the touch panel in this machine. This section will illustrate how to use the web camera.

Use the Web Camera

To use the web camera, press SHUTTER button on the right of the touch panel and activate "Webcam Studio". To take a still image, press the button again.

2

Basic Operations

● How to use Webcam Studio

Still images and motion pictures recorded with Webcam Studio are saved in "Public Picture" folder in the "Public" folder.



① Snapshot Album

Displays the list of all the still images saved in the hard disk.

② Snapshot Button

This button offers the same function as SHUTTER button and used to take a still image.

③ Video Capture Button

This is used to take a motion picture. Pressing it once starts motion picture recording and pressing it again stops the recording.

④ Zoom in Button

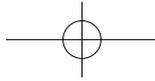
This is used to enlarge an image.

⑤ Zoom out Button

This is used to reduce an image.

⑥ Exit Button

This is used to terminate Webcam Studio.

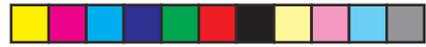
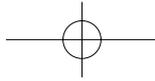


Chapter 3

System Extension

This chapter will illustrate how to extend the system of this machine by connecting and inserting other devices to it.

1 How to Use LAN (Wireless LAN)	56
2 How to Use Bluetooth	61
3 Connection of a USB Device	65
4 How to Use a Memory Card.....	67
5 How to Use a CompactFlash Card (CF Card)	69
6 Connection of an External Display.....	71
7 How to Replace the Memory Module.....	72



1

How to Use LAN (Wireless LAN)

This chapter will illustrate how to extend the system of this machine by connecting and inserting other devices to it.

Description of Wireless LAN

The system that uses electric waves instead of cables for LAN construction is called "Wireless LAN". A relay station called "access point" is used to connect all computers to the network. Additionally, you will be able to use the Internet by connecting to the access point with a device called a "router".



NOTE

- Please purchase the access points and the routers available in your region or location.
- Refer to the products user's guide for how to connect and set up the access point and the router.

3

System Extension

Specifications of Wireless LAN

There are several specifications for wireless LAN. This machine supports "IEEE802.11b/g" specification. Please note that other specifications are currently not supported.

Wireless LAN Connection

The following are the two ways to connect to the wireless LAN.



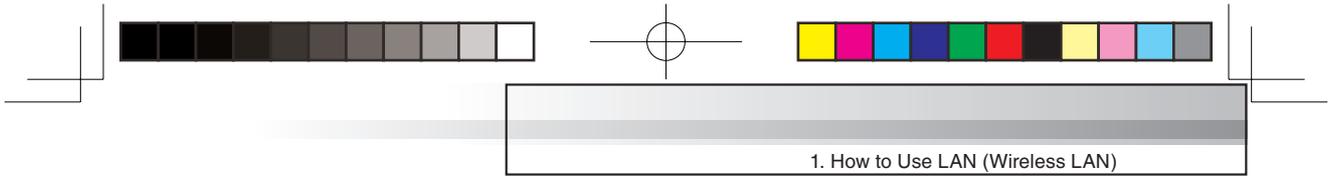
ATTENTION

Disconnect the wireless LAN when you're not using it. It may lead to other communication device errors, malfunction or illegal access from others.



NOTE

- For the settings of wireless LAN, always switch on the power of the access point first. Please refer to the attached user's guide for the settings of access point.
- The wireless LAN will become disabled automatically when you switch on the power or return from hibernate or sleep mode. You may change BIOS settings to enable wireless LAN to startup automatically (☞ page 87).

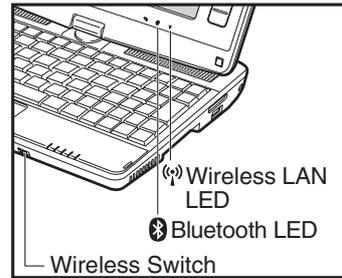


● Automatic connection

How to automatically recognize and connect to the Wireless LAN network.

1 Move the front-mounted wireless switch to ON and press **[Fn] + [F4]** keys.

Turn on the function for wireless LAN. The wireless LAN LED (📶) will light on and the wireless LAN icon will be displayed in the centre of the window when you turn its function on.



2 Click the icon "Wireless Network" on the notification area and select "Connect to a network".

The "Connect to a network" dialogue will be displayed and the wireless networks near this machine will be shown automatically.

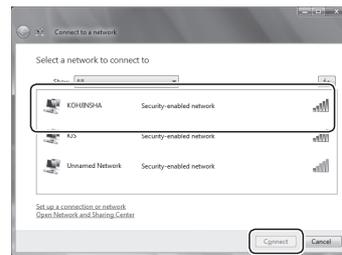
NOTE

- Please click button on the "Connect to a network" dialogue when the wireless network is not displayed even if there is an access point set nearby.
- If even clicking button does not display the wireless network, check the location of the access point.



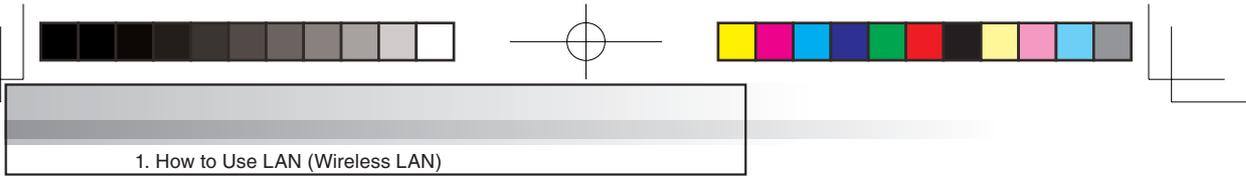
3 Select the wireless network you intend to connect, and click "Connect" button.

The "Connect to a network" dialogue will be shown and you will connect to the network.



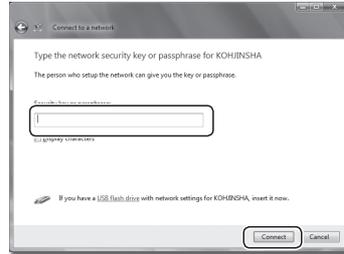
3

System Extension



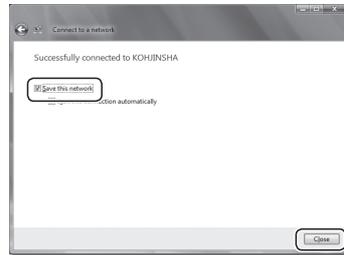
4 Fill in the “Security key or passphrase” box and then click “Connect” button.

The security key will be authenticated. After the authentication has been made, the next dialogue will be displayed.



5 Check “Save this network” and click the “Close” button.

Connect to the wireless LAN.



3

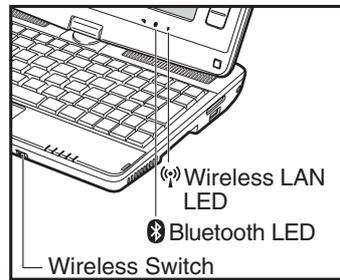
System Extension

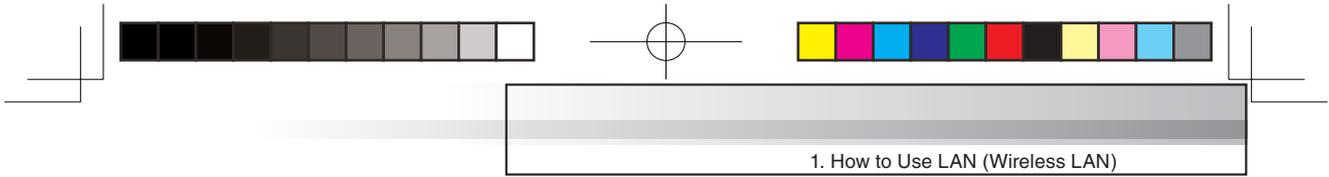
● **Manual connection**

The following describes the manual settings for the wireless LAN and how to connect to it.

1 Move the front-mounted wireless switch to ON and press **[Fn] + [F4]** keys.

Turn on the function for wireless LAN. The wireless LAN LED (📶) will light on and the wireless LAN icon will be displayed in the centre of the window when you turn its function on.





1. How to Use LAN (Wireless LAN)

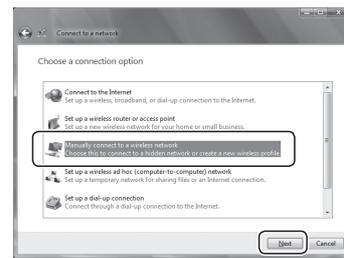
2 Click the icon “Wireless Network” on the notification area and select “Connect to a network”. The “Connect to a network” dialogue will be displayed and the wireless networks near this machine will be shown automatically.



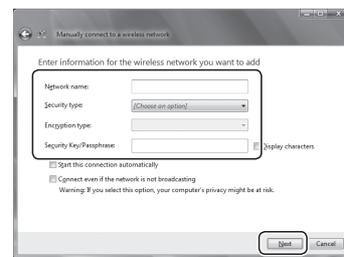
3 Select “Set up a connection or network”. The “Choose a connection option” dialogue will be displayed.



4 Select “Manually connect to a wireless network” and click the “Next” button. The “Enter information for the wireless network you want to add” dialogue will be displayed.



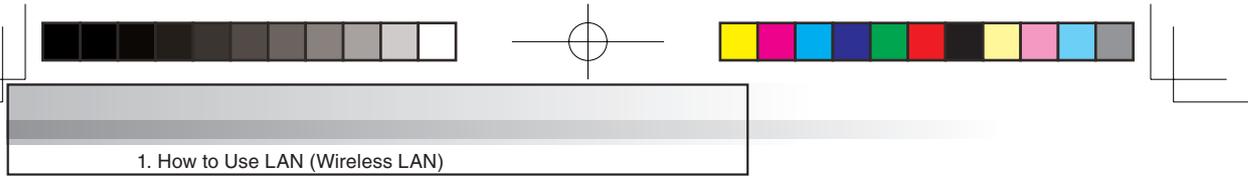
5 Enter access point information in the “Network name”, “Security type”, “Encryption type” and “Security Key/Passphrase” boxes. Check the entered information and click the “Next” button.



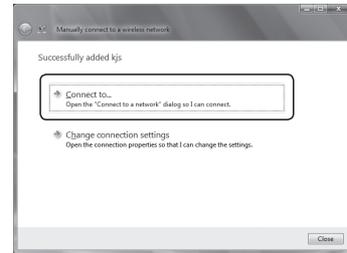
The wireless LAN will be set up and the “Successfully added” dialogue will be displayed.

3

System Extension



6 Select "Connect to".



7 After returning to the network selection dialogue of the step 3, select the added network and click the "Connect" button. Connect to the wireless LAN.

Disconnection of Wireless LAN

The following describes how to disconnect from the wireless LAN.

ATTENTION

Never disconnect the wireless LAN when you're using it to send and receive data. Otherwise the data may not be transmitted or received correctly.

1 Press **Fn** + **F4** keys and move the front-mounted wireless switch to OFF.

The wireless LAN function will be turned off. When it's turned off, the wireless LAN LED indicator will be off and the wireless LAN icon will be displayed in the centre of the window.



3

System Extension

2

How to Use Bluetooth

You may use the Bluetooth for this machine. The basic knowledge of Bluetooth and how to connect it will be illustrated in this section.

Description of Bluetooth

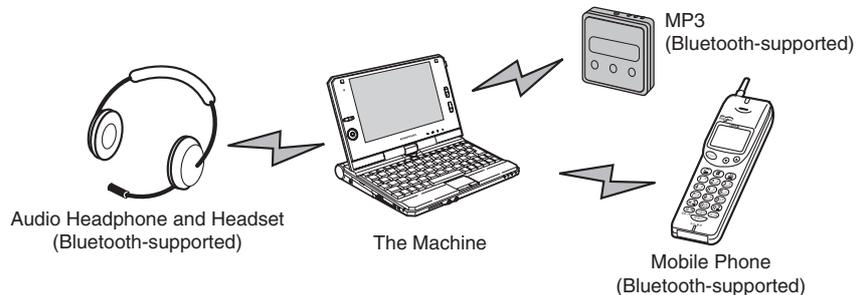
Bluetooth allows you to exchange audio files and data without using cables for Bluetooth-supported computers, MP3 players, mobile phones and headset. Bluetooth works within the range of 2.4GHz, and communicates in a comparatively small range within a radius of 10-100 meters. Bluetooth functions can be used in the range within a radius of 10 meters.

For the use of Bluetooth functions, establish the connection by confirming the connected device by pairing and entering the same passkey mutually.



NOTE

- Please purchase the Bluetooth-supported devices available in the market.
- Please refer to the user's guide supplied with the Bluetooth-supported device for correct operation (mobile phone, headset, etc.).



3

System Extension

Specifications of Bluetooth

This machine supports the standard specification "IEEE802.15.1" and "Bluetooth 2.0+EDR".

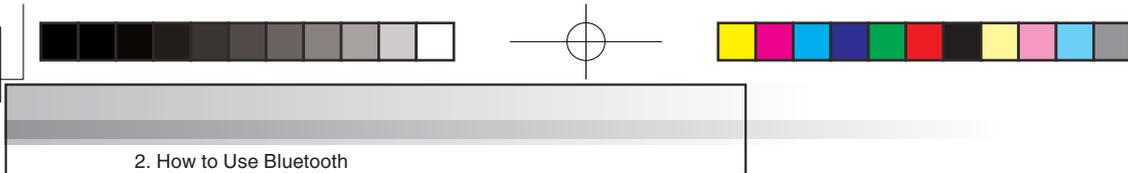
Bluetooth Connection

The following describes how to connect via Bluetooth. This machine and a headphone available in the market will be used as an example for illustration purposes.



ATTENTION

Please disconnect Bluetooth when you're not using it. Otherwise it may lead to other communication device malfunction or illegal access from others.



2. How to Use Bluetooth

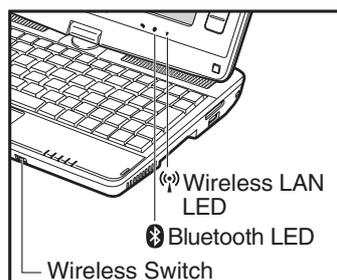


NOTE

Bluetooth will be disabled automatically after you switch on the power or return from hibernate or sleep mode. You may change the BIOS settings to enable Bluetooth to start automatically (☞ page 87).

1 Move the front-mounted wireless switch to ON and press **Fn** + **F1** keys.

Turn on Bluetooth function. Bluetooth LED (📶) will light on and the Bluetooth icon will be displayed in the centre of the window when Bluetooth function is turned on.



3

System Extension

2 Double-click the “BlueSoleil” icon on the desktop.



Start BlueSoleil, and “IVT Corporation BlueSoleil Main Window” dialogue will be displayed. In case the User Account Control dialogue is displayed, click the “Continue” button.

3 Change to pairing mode for the connected headphone.



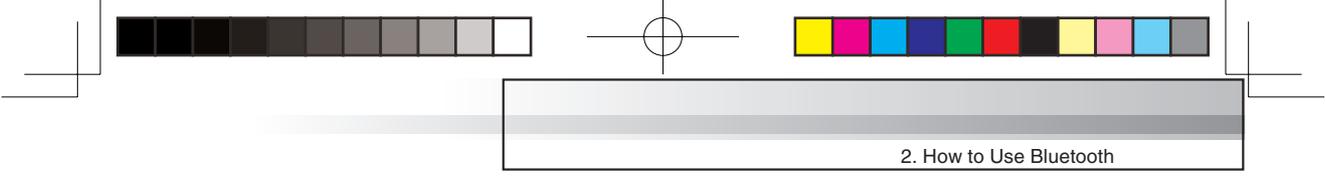
NOTE

Please refer to the user’s guide for the headphone on how to use the connected headphone.

4 Click the red ball in the centre of the window.

Any nearby Bluetooth-supported devices that are in pairing mode will be searched. The icon of the mobile phone will be shown on the screen when you search for the headphone.





2. How to Use Bluetooth

5 Click the icon of connected headphone.
 The icon for the user profile will be framed and highlighted and the “Enter Bluetooth Passkey” dialogue will be displayed.



NOTE

- The profile is standardized original communication order (profile) for each Bluetooth-supported device. When the device you connect to has the same profile, you may then use the function of that profile for communication and data transfer.
- The details of the profile will be shown when you move the cursor over the profile you want to use.

6 Enter the passkey printed in the user's guide of the connected headphone for the “Passkey” box.

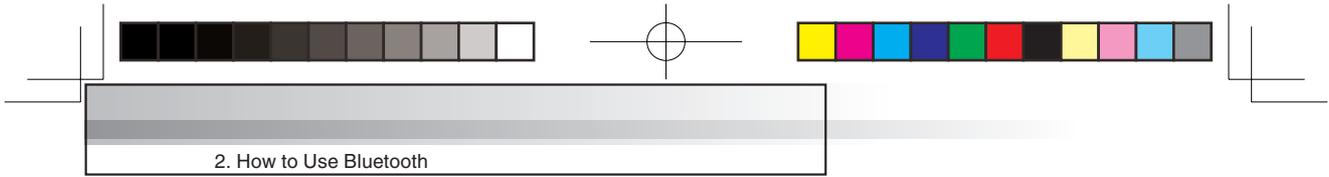
NOTE

- Use “0000” for the passkey of most peripheral devices.
- Follow Step 5 in case of disconnection.
- When you use the LAN network for Bluetooth connection with other computers, please follow Step 7 after entering the passkey in the machine's input terminal, and enter the same passkey to the computer that is to be connected.



3

System Extension



2. How to Use Bluetooth

- 7** Click the icon of the profile you want to use.
When the connection is established, there will be a line that connects the red ball to the icon of the headphone.



3

System Extension

Disconnection of Bluetooth

The following describes how to disconnect the Bluetooth device. Please do not disconnect Bluetooth when you're using it to send and receive data. Otherwise the data may get damaged.

- 1** Press **Fn + F1** keys and move the front-mounted wireless switch to **OFF**.
The Bluetooth function will be turned off. When it is turned off, the Bluetooth LED will be off and the Bluetooth icon will be displayed in the centre of the window.



3

Connection of a USB Device

This machine can be connected to many USB devices. The basic knowledge of USB device and how to connect it will be illustrated in this section.

Description of USB

USB is a specification to connect peripheral devices. USB features the ability to quickly disconnect from the USB port even with the computer switched on and to power additional peripheral devices. It will also feature a function called "plug and play", which has been set up automatically, to recognize the device if the driver is supported by Windows.

Specifications of USB

There are two types of specifications of USB -"USB1.1" and "USB2.0". The difference between them is the transfer speed. The highest speed of USB1.1 is 12Mbps; and that of USB2.0 is 480Mbps.

All the USB ports on this machine support USB2.0. However, when the peripheral device only supports USB1.1, the transferring speed will become that of USB1.1.

Connection of USB

The following describes how to connect USB devices to this machine.

1 Connect the peripheral device to the USB2.0 port on this machine with the USB cable.

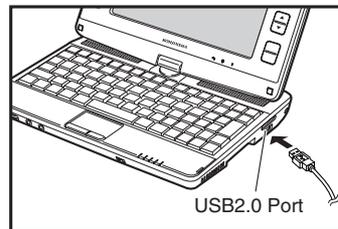
The peripheral device will be recognized automatically and become usable.

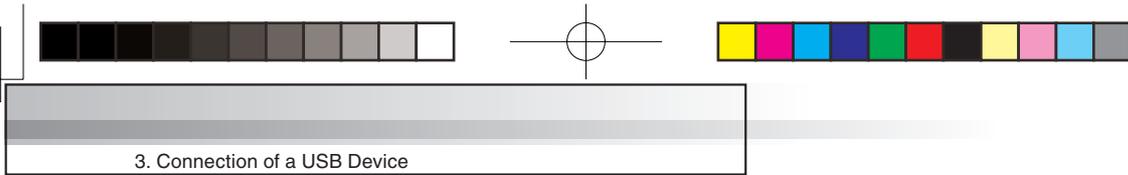
ATTENTION

There is a specific connecting direction for a USB2.0 port. Please confirm the connecting direction when you fail to connect properly. Improper connection may result in damage to the USB2.0 port and USB cable.

NOTE

- You must install special drivers when there is no driver of the connected peripheral device for Windows. Please refer to the user's guide of the peripheral device for the driver.
- There are two USB2.0 ports on this machine. The ways to connect to both are identical.





3. Connection of a USB Device

Removal of USB

Follow the next steps to remove the peripheral device if it is one of the memory devices (e.g. hard disk, USB memory, etc).

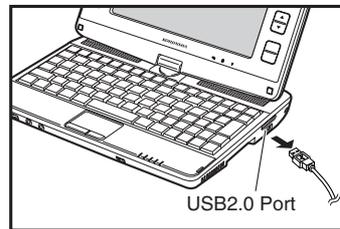
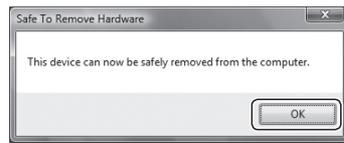
ATTENTION

Failure to follow the steps may lead the peripheral device to breakdown or destroy the data inside.

NOTE

You may remove the peripheral device without following the next steps when the power of the machine is turned off.

- 1 Click  on the task bar.
A menu will be shown to inform you that you can remove the peripheral device.
- 2 Click the menu.
A message will be displayed to inform you that the hardware can now be safely removed from the computer.
- 3 Click "OK" button.
- 4 Remove the USB cable from the USB2.0 port on this machine.



3

System Extension

4

How to Use a Memory Card

You may use a memory card - a small-sized memory device - for this machine. This section will illustrate what kind of memory card you can use and how to connect.

Usable Memory Card

You may use the following types of memory card for this machine.

- SD Memory Card
- MMC
- Memory Stick

ATTENTION

A copyright protection technique and a compliant technique named "MagicGate" is used for the memory stick.

NOTE

There is a hold switch on the memory card other than MMC. Locking the hold switch will prevent you from reading and writing the data. Please refer to the user's guide of each memory card for the hold switch.

Connection of a Memory Card

The following describes how to connect to the memory card.

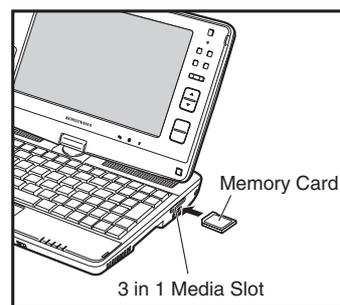
NOTE

The 3 in 1 slot on this machine supports SD I/O specification.

- 1 **Insert the memory card into the 3 in 1 media slot.**
A dialogue for memory card operation will be shown.

ATTENTION

There is a specific connecting direction for memory card. Please confirm the inserting direction when you fail to insert properly. Improper insertion may result in damage to the 3 in 1 media slot as well as the memory card.



Removal of the Memory Card

The following describes how to remove a memory card.

ATTENTION

Failure to follow the steps to remove may lead the memory card to breakdown and destroy the data inside.

NOTE

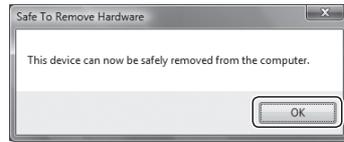
You may remove the memory card without following steps 1-3 when the power of the machine is off.

1 Confirm that you're not using your memory card.

2 Click  on the task bar.
A menu will be displayed to inform you to remove your memory card.

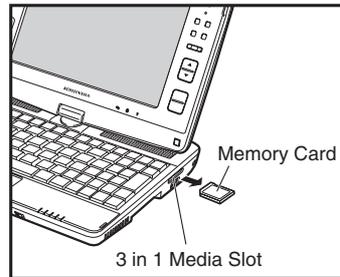


3 Click the menu.
A message will be displayed to inform you that the hardware can now be safely removed from the computer.



4 Click "OK" button.

5 Remove your memory card.



3

System Extension

5

How to Use a CompactFlash Card (CF Card)

You may use a CF card for this machine. This section will illustrate the basic knowledge of CF card and what kind of memory card you can use and how to connect it.

Description of the CF Card

CF card is the memory card that uses flash memory. CF card may be used as the memory device for digital cameras or portable PCs.

Specifications of the CF Card

There are two types - Type I and Type II - for the specifications of CF card. The thickness varies with the specifications. This machine only supports Type I (3.3mm) and communication card in CF card format as well.

Connection of a CF Card

The following describes how to connect to the CF card.

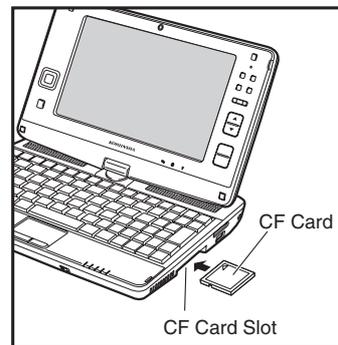
- 1 **Insert your CF card into the CF card slot.**
A dialogue for CF card operation will be shown.

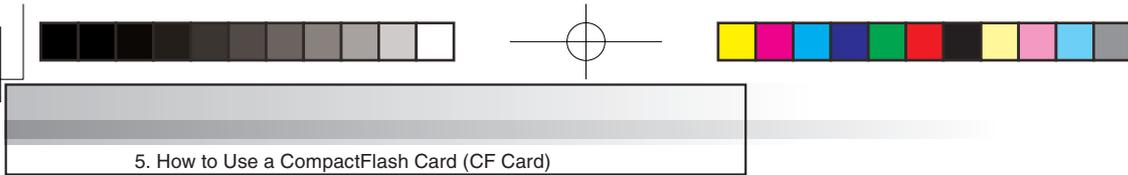
ATTENTION

There is a specific connecting direction for CF card. Please confirm the inserting direction when you fail to insert properly. Improper insertion may result in damage to the CF card slot as well as the CF card.

NOTE

A dialogue to set up CF card will be shown according to your CF card. Please refer to the user's guide supplied with the CF card and the dialogue for setup.





5. How to Use a CompactFlash Card (CF Card)

Removal of the CF Card

The following describes how to remove the CF card.



ATTENTION

Failure to follow the steps to remove may destroy the data inside the CF card.



NOTE

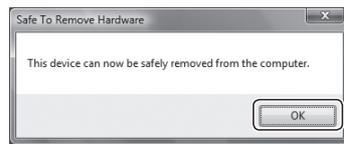
You may remove the CF card without following steps 1-3 when the power of the machine is turned off.

1 Confirm that you're not using your CF card.

2 Click  on the task bar.
A menu will be displayed to inform you that you can remove the memory card.

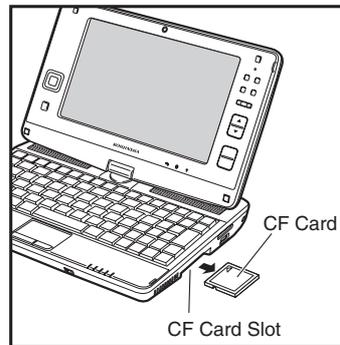


3 Click the menu.
A message will be displayed to inform you that the hardware can now be safely removed from the computer.



4 Click "OK" button.

5 Remove your CF card.



3

System Extension

6

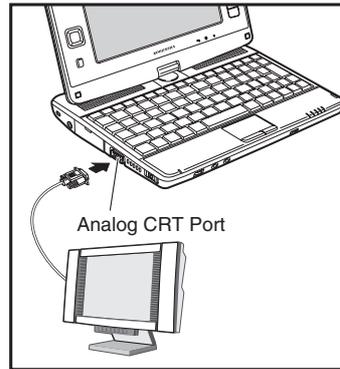
Connection of an External Display

Once you connect an external display, the content displayed on the screen of the machine can be shown on the external display.

Connection of an External Display

The following describes how to connect an external display.

- 1 Switch off the power of this machine and the external display.
- 2 Connect the cable of the external display to the analogue CRT port on the machine.



- 3 The power of the machine will be on after you switch on the power of the external display.

Screen Switching

If you press **Fn**+**F3**, the screen will be switched in the following order.



- Display of the machine
- External display
- Both display of the machine and external display

3

System Extension

7

How to Replace the Memory Module

You have to replace your existing memory when you intend to use a memory with larger capacity to increase the processing speed of the software. The way to replace your memory module will be illustrated here.

Type of the Memory Module

There are various types of memory modules. The type used for this machine is called "PC3200 (DDR400) SO-DIMM". Please purchase "PC2-3200 (DDR2 400) SO-DIMM" type for replacement.

ATTENTION

- Incompatible memory modules can not be used.
- You must discharge the static electricity inside your body before contacting the memory. Static electricity running into the memory may result in damage. Touch metals such as a doorknob to discharge the static electricity inside your body.

3

System Extension

Memory Replacement

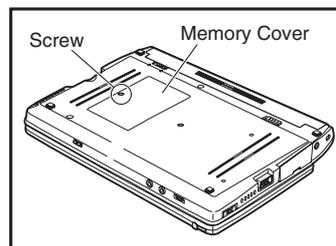
The following describes how to replace the memory module.

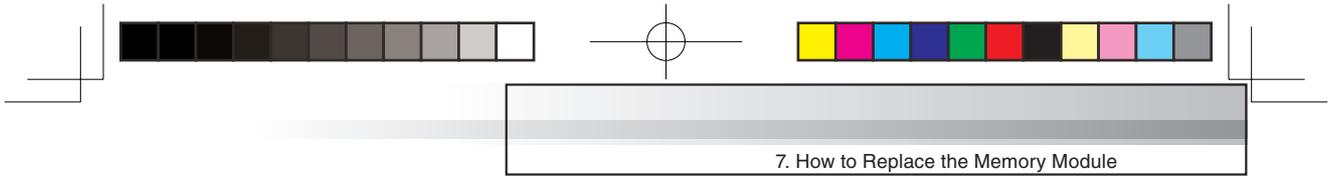
- 1 Switch off the power of the machine.
- 2 Remove the battery and the AC adapter.

ATTENTION

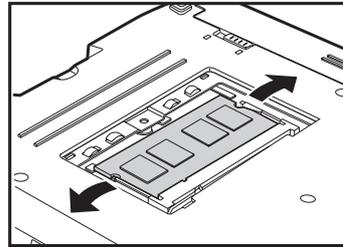
Always remove the battery and the AC adapter; otherwise it may cause electric shocks and breakdown.

- 3 Turn the machine upside down.
- 4 Loosen the screw, which is used to secure the memory cover, and remove the memory cover.

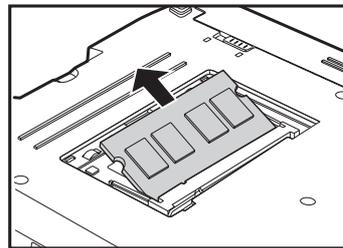




5 Release the metal parts used to secure the two sides of the memory module.
The memory will be lifted up.



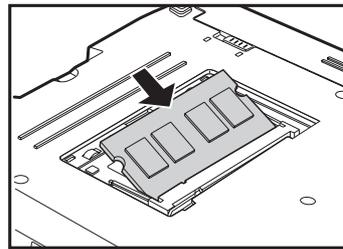
6 Pull out the memory.



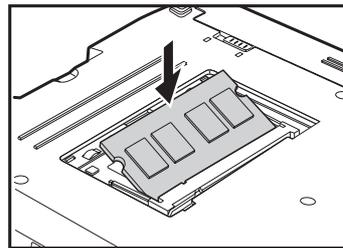
7 Insert the replacing memory module straight into the memory slot.
Insert it inwards securely.

ATTENTION

- There is a specific direction for the connecting memory module. Please confirm the inserting direction when you fail to insert properly. Improper insertion may result in damage to the memory slot as well as the memory module.
- Please do not contact the memory slot with your hands; otherwise it may cause electric shock and breakdown.



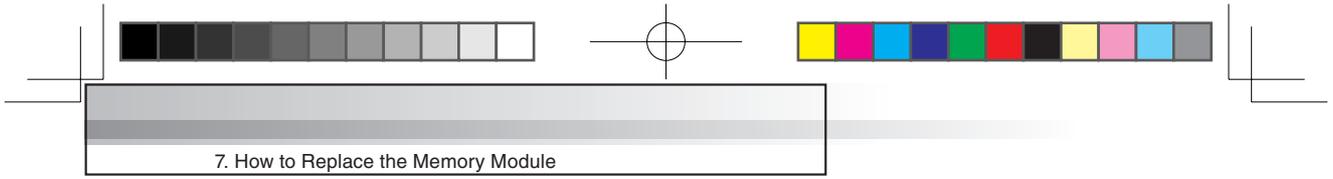
8 Press the memory downward until it clicks.
Press the metal parts used to secure the left and right of the memory until the memory module is firmly seated.

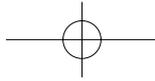


9 Attach the memory cover and secure it with a screw.

3

System Extension





Chapter 4

Troubleshooting

This chapter will explain what to do when you encounter troubles and includes the steps of resolution.

- 1 When You Feel the Machine Is Breaking Down 76
- 2 System Recovery 84
- 3 Startup of BIOS Setup 87

1

When You Feel the Machine Is Breaking Down

When the machine is not working properly, when you don't know how to set up the machine, or when you feel confused with the operation procedures, please follow the steps below. If those steps do not work, please contact our support centre.

Startup

The way to resolve troubles occurring during startup is as below.

● Power switch is pressed, but power is not on.

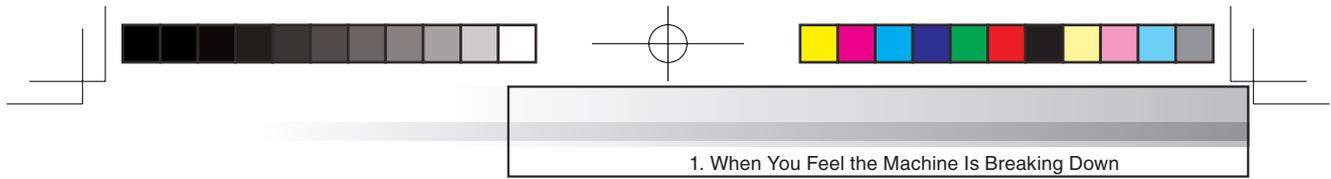
- It's possible that the power plug, or AC adapter is not connected properly. Please check the connection. (☞ Quick Setup Guide)
- It's possible that the battery pack is not fully charged. Please use the AC adapter to turn on the machine, and charge the battery pack.
- It's possible that the battery pack is consumed. If the battery could not be recharged, please purchase a new battery.
- Please disconnect all peripheral devices, and turn on the power.
- It's possible that the machine or AC adapter is breaking down. Please contact our support centre.

● The screen stops with Windows logo displayed when you start up.

- Please start Windows in safe mode.
 - ① Restart Windows, and right after the screen of the VYE logo displayed in the very beginning disappears, keep pressing **[F8]** key until the "Advanced Boot Options" screen appears.
 - ② Use **[↓]** **[↑]** key to select "safe mode" and press **[Enter]** key.
→ Windows starts up.
 - ③ Log on to Windows.
→ The "What is safe mode?" dialogue of "Windows Help and Support" appears.
 - ④ Click the **[X]** button in the top-right of the dialogue to close the window.
 - ⑤ Restart Windows again and the machine will go back to normal.
- If you cannot start with safe mode, please conduct system recovery procedures (☞ pages 84-86).

4

Troubleshooting



1. When You Feel the Machine Is Breaking Down

● There are meaningless messages displayed on screen

- Please start the machine with "Last Known Good Configuration".
 - ① Restart Windows, and press **[F8]** right after the screen of our logo displayed in the very beginning disappears.
 - The "Advanced Boot Options" screen appears.
 - ② Press **[↓]** **[↑]** key to select "Last Known Good Configuration (advanced)" and press **[Enter]** key.
 - Windows starts up.
- Please start in safe mode. Please refer to "The screen stops with Windows logo displayed when you start up" (☞ previous item).
- If you cannot start in safe mode, please conduct recovery procedures (☞ pages 84-86).

● The startup of Windows is slow

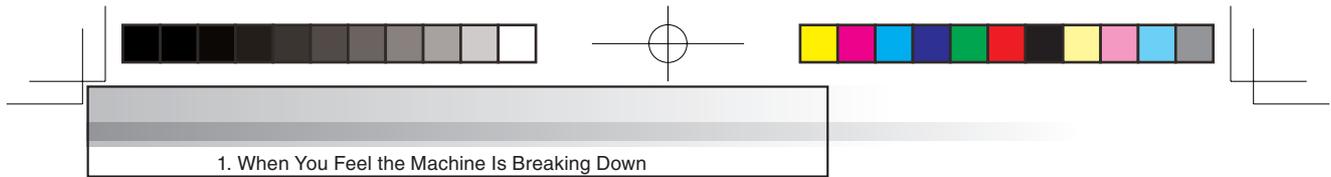
- The reason may be the application software or peripheral devices that are added. Please uninstall unnecessary application software or peripheral devices.
- Please conduct disk defragment. It may take a few hours before it's completed.
 - ① Please close all programs in use.
 - ② Select "Start" button → "Computer".
 - The "Computer" screen appears.
 - ③ Right-click the desired local, and select "Properties".
 - The "Local Disk Properties" dialogue appears.
 - ④ Select "Tools" tag.
 - ⑤ Click "Defragment Now" button. In case the "User Account Control" dialogue appears, click "Continue" button.
 - The dialogue "Disk Defragmenter" dialogue appears.
 - ⑥ Click "Defragment Now" button.
 - Optimization starts.

Shutdown

The solution to resolve troubles occurring due to improper shutdown is as follows.

● Mouse cursor does not move, Windows can not be closed.

- Please use keyboard to shutdown Windows.
 - ① Press Windows key.
 - "Start Menu" appears.
 - ② After selecting  key using **[←]** **[→]** key, select "Shut Down" from the menu, then press **[Enter]** key.
 - Windows will shut down.



1. When You Feel the Machine Is Breaking Down

Display of Screen

The way to solve troubles related with screen display is as follows.

● If you want to place an icon on desktop on the desired place

- ① On the desktop, right-click on the windows desktop where no icon appears.
- ② If the checkmark for "View" - "Auto Arrange" from the displayed menus is ticked, remove the checkmark of "Auto Arrange".
- ③ Repeat step ① and step ② and remove the checkmark of "Align to Grid" on the menu displayed if it is ticked.

● Display of application software is slow

- When several application software are activated at the same time, the display becomes slow. Please terminate application software when not in use.
- Please restart the machine.
- Please conduct disk optimization. Please refer to "The startup of Windows is slow" (page 77).

● Failure to operate a displayed window bigger than screen size

- Please change to 1024x600 screen mode from 800x600 screen mode temporarily.
 - ① Press **[Fn]+[ESC]** keys.
 - The screen changes to 1024x600 mode.
 - ② Press **[Fn]+[ESC]** keys when the operation is completed. Please press **[Fn]+[ESC]** keys several times until the original resolution returns.
 - Screen returns to its original resolution.

● Display colour is strange; indication is invisible and blinks.

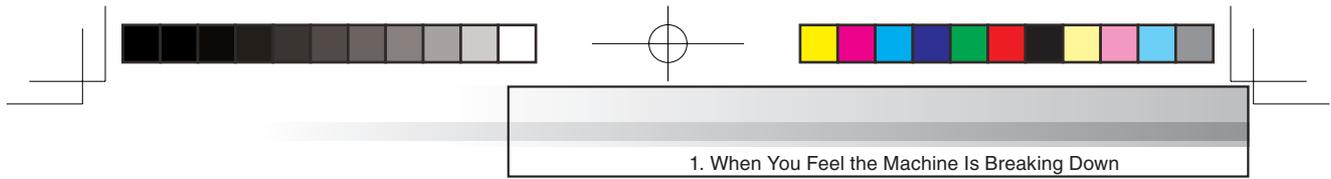
- Please adjust the angle of display. You may not see the screen or digital display clearly due to the angle of the screen .
- Please change the resolution and colour.
 - ① Select "Start" button → "Control Panel".
 - The screen of "Control Panel" will be displayed.
 - ② Click "Adjust screen resolution".
 - The "Display Settings" dialogue appears.
 - ③ Move the slider "Resolution:" to change the resolution.
 - ④ Change colour as per your wish from the drop-down menu in "Colour".
 - ⑤ Click on "OK" button.
- Please restart the machine.

● Screen becomes dark

- It is possible that it has entered into sleep mode (page 18) as no operation has not been detected for a while. Please slide the power switch.
- It is possible that the power supply cord or AC adapter has been connected improperly. Please check the connection.

4

Troubleshooting



1. When You Feel the Machine Is Breaking Down

Touch Pad

The way to resolve touch pad troubles is as follows.

● The movement of mouse cursor is not smooth.

- It is possible that the touch pad is dirty or dusty. Please clean it with a dry clean cloth.
- It is possible that the touch pad is touched by more than one finger or cuff. Please do not touch in more than one place on the touch pad.

● The mouse cursor automatically moves to “OK” button in the dialogue without operation.

- Because the function for “Snap To” in the Mouse setting option is on, please turn it off.
 - ① Select “Start” button → “Control Panel”.
 - The “Control Panel” window will be displayed.
 - ② Select “Mouse”.
 - The “Mouse Properties” dialogue appears.
 - ③ Select “Pointer Options” tab.
 - ④ Remove the checkmark on “Automatically move pointer to the default button in a dialog box” in the “Snap To” section of the window.
 - ⑤ Click on “Apply” button.
 - ⑥ Click on “OK” button.

Stick Pointer

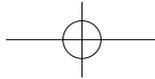
The way to solve troubles related with stick pointer is as follows.

● The cursor moves without touching the stick pointer.

- It is possible that the stick pointer is depressed, or stuck. Please check and release the pointer if needed.
It may be resolved by moving the stick pointer to draw a circle.

● When you are operating the stick pointer, it is dragged automatically.

- By the function of Press/Select, it is possible to click without intention. Steps to disable the function of Press/Select are as below.
 - ① Double-click the touch pad icon (🖱️) on task bar.
 - The “Mouse Properties” dialogue appears.
 - ② Select “Device Settings” tab.
 - ③ Ensure “Synaptics TouchStyk...” is selected for device, click “Settings” button.
 - The dialogue “Device Settings: Synaptics TouchStyk...” will appear.
 - ④ Click “Press to Select”.
 - ⑤ Remove the checkmark of “Enable Press-to-Select”.
 - ⑥ Click “OK” button to close the window, and click “OK” button in the displayed window to close window.



1. When You Feel the Machine Is Breaking Down

Input/Keyboard

To solve the troubles of character input by keyboard, the solution is as below.

● **You enter numbers, but they fail to appear**

- Press **[Fn]+[NumLK]** keys once to unlock it. (☞ page 48).

Touch Panel

To solve the troubles of touch panel, the solution is as below.

● **The response of the touch panel is abnormal.**

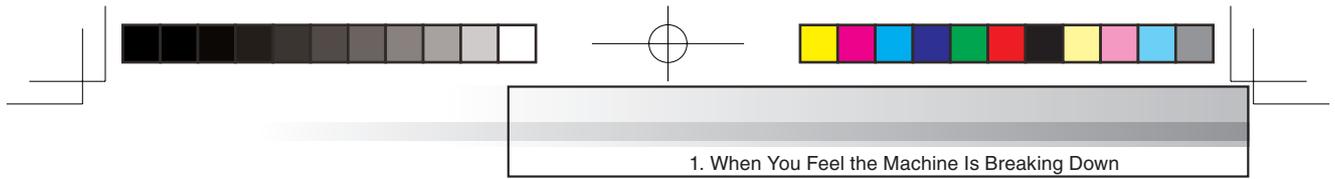
- Calibrate the touch panel (☞ page 39).

● **Touching the touch panel unintentionally displays the mouse cursor and makes the touch panel difficult to use.**

- The touch pointer function of Windows Vista is enabled.
 - ① Select "Start Menu" → "Control Panel" → "Hardware and Sound" → "Pen and Input Devices".
→ The "Pen and Input Devices" dialogue will be displayed.
 - ② Select "Touch" tab and uncheck "Show the touch pointer when I'm interacting with items on the screen." in the "Touch pointer".
 - ③ Click the "OK" button.

4

Troubleshooting



Date and Time

The way to solve troubles regarding date and time is below.

● Want to change date and time

- ① Click the time in the notification area and select "Change date and time settings..." from the displayed pop-up window.
→ The "Date and Time" dialogue will be displayed.
- ② Click "Change date and time..." button. In case the "User Account Control" dialogue appears, click "Continue" button.
→ The "Date and Time Settings" dialogue will be displayed.
- ③ Change the date and time as per your wish.
- ④ Click "OK" button.

● Want to change indication type

- ① Select "Start" button → "Control Panel".
→ The screen of "Control Panel" will be displayed.
- ② Select "Clock, Language, and Region".
→ The "Clock, Language, and Region" dialogue will appear.
- ③ Select "Change the date, time, or number format".
→ The "Regional and Language Options" dialogue appears.
- ④ Click "Customize this format".
→ The "Customize Regional Options" dialogue will appear.
- ⑤ Select "Time" tab.
- ⑥ Set type, symbol as per your wish.
- ⑦ Click on "Apply" button.
- ⑧ Click on "OK" button.

Audio

The way to solve troubles regarding audio is as below.

● Audio is inaudible

- When headphone is in use, audio is not audible from the built-in stereo speaker. Please disconnect the headphone.
- It is possible that mute mode is activated (☞ pages 52-53).
- It is possible that the volume is lowered (☞ pages 52-53).

1. When You Feel the Machine Is Breaking Down

Wireless LAN

The way to solve troubles regarding Wireless LAN is as follows.

● Sudden disconnection results in low speed even after connection.

- It is possible that the distance between the machine and the access point is too far. Please move the machine and the access point to an appropriate place.
- It is possible that the signal is mutually interrupted because of wireless LAN specification (IEEE802.11g, IEEE802.11b). Please switch off the power supply or move the machine to another location if the machine is near any microwave ovens, which generate the same 2.4 GHz frequency, or wireless radio, Bluetooth-supported devices, medical devices, etc.

● Failure to connect Wireless LAN

- It is possible that the connection to Wireless LAN router is invalid. Please check the setting of connection (☞ pages 56-60).

Bluetooth

The way to solve troubles regarding Bluetooth is as follows.

● Bluetooth function is on, yet the Bluetooth-supported machine cannot be located

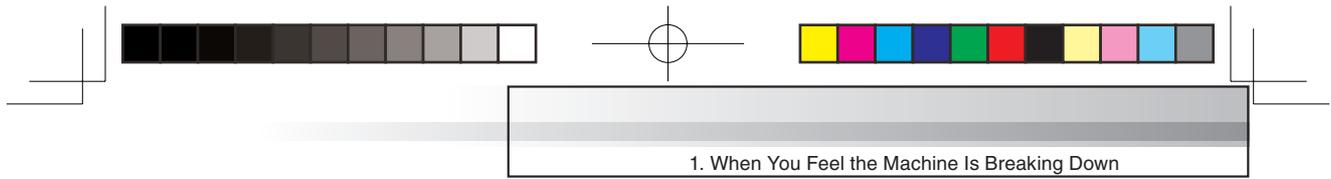
- It is possible that BlueSoleil is not activated. Please start BlueSoleil from the start menu. (☞ pages 61-64)

● Connection of Bluetooth cannot be confirmed

- It is possible that Bluetooth function is off. Please press **[Fn]+[F1]** keys to turn on Bluetooth function.
- It is possible that BlueSoleil is not activated. Please start BlueSoleil from the start menu. (☞ pages 61-64)
- It is possible that the device name is duplicated. Please change device name.
 - ① Start BlueSoleil from the start menu.
 - The "IVT Corporation BlueSoleil - Main Window" dialogue will appear.
 - ② Right-click the red ball in centre, and select "Attribute".
 - The dialogue "Attribute of My Bluetooth Device" will appear.
 - ③ Change name of your device displayed in the box of "Device Name".
- It is possible that there are devices that generate signals such as microwave ovens near the machine. Please place the machine away from the devices that generate strong conflicting signals.
- It is possible that pass key is wrongly entered. Please check the user's guide of the Bluetooth-supported device you intend to connect, and enter the correct pass key.

4

Troubleshooting



● Sudden disconnection during operation

- It is possible that the battery of the Bluetooth-supported machine you intend to connect has insufficient battery power. Please check the battery used in the machine you intend to connect.
- It is possible that there are devices that generate conflicting signals such as microwave ovens near the machine. Please move the machine away from such devices that generate strong conflicting signals.
- It is possible that the distance to the Bluetooth-supported device you intend to connect is too far away from the machine. The Bluetooth function of this machine, functions within the range or radius of around 10 meters. But the range for operation of Bluetooth function of the device connected may be smaller than the machine. Please refer to the user's guide of the device you intend to connect to, to confirm the operational range of the Bluetooth device.

Security

The way to prevent and solve troubles with virus infections or illegal access is as follows.

● When you want to prevent virus infections or illegal access in advance

- Enable the Firewall.
 - ① Select "Start" button → "Control Panel".
→ The screen of "Control Panel" will be displayed.
 - ② Select "Allow a program through Windows Firewall". In case the "User Account Control" dialogue appears, click "Continue" button.
→ The "Windows Firewall Settings" dialogue will appear.
 - ③ Select "General" tab.
 - ④ Select "On (recommended)", and click "OK" button.
- Install Anti-Virus software and Firewall software available in the market. Please refer to the user's guide attached to each application software for how to install and use.
- Please perform Windows Update regularly.
 - ① Connect the machine to Internet.
 - ② Select "Start" → "All Programs" → "Windows Update".
→ The page of Microsoft "Windows Update" will appear.
 - ③ Please update by following the instructions displayed.

● When you want to exterminate virus infection

- Disconnect LAN cable immediately, or turn wireless LAN off to cease Internet connection. Then, install virus extermination software, or utilize "Virus Extermination Services" provided by stores.

2

System Recovery

The function to return to the state before the troubles happened is called “System Recovery”. This section will illustrate the procedure for system recovery to factory defaults.

ATTENTION

- Please back-up your files or folders, mails, accounts, etc. before conducting recovery. The purpose of recovery is to return the machine to the default factory state, so all files produced after your purchase will be deleted.
- When conducting system recovery, please connect the AC adapter and remove any peripheral devices. If the power is switched off while in recovery operation, the system recovery may not be concluded correctly.

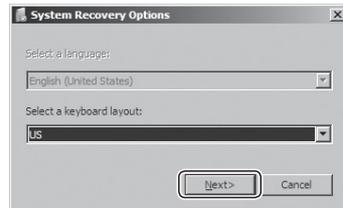
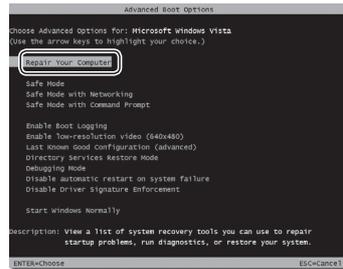
Conduct System Recovery

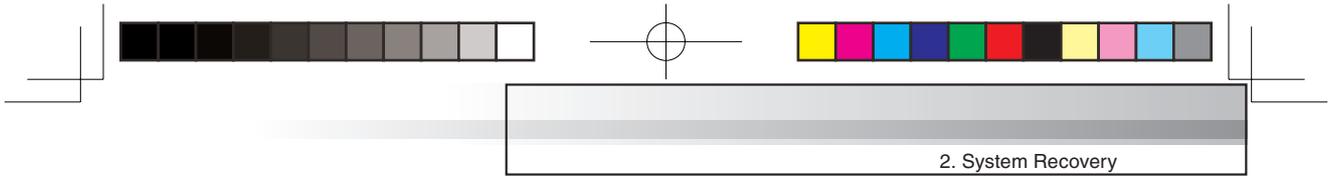
Conducting system recovery enables you to reset the machine to the factory default.

- 1 Switch on the power of the machine.
- 2 Our logo will appear right after starting up. Immediately after the logo disappears, press **[F8]** key until the “Advanced Boot Options” screen appears.
- 3 Use **[↑]** **[↓]** key to select “Repair Your Computer” and press **[Enter]** key. After Windows starts up, the “System Recovery Options” dialogue will be displayed.
- 4 Click the “Next” button. The next window will be displayed.

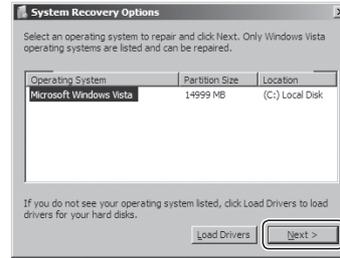
4

Troubleshooting





5 Click the “Next” button.
The next window will be displayed.



6 Click , select the Windows user, enter the password (if you have set one) and click the “OK” button.

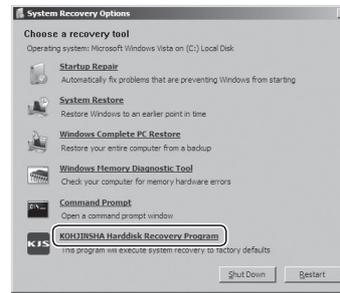
NOTE

In such cases as you conducted another recovery immediately after one recovery, select “Administrator” because you have not set up Windows and made any user account. Since no password is specified for “Administrator”, click the “Next” button without entering anything in “Password”.



The recovery tool selection dialogue will be displayed.

7 Select “VYE Harddisk Recovery Program”.
The “Harddisk Recovery Program” dialogue will be displayed.



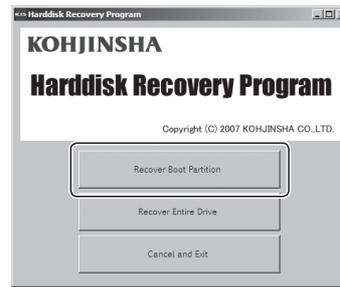
4

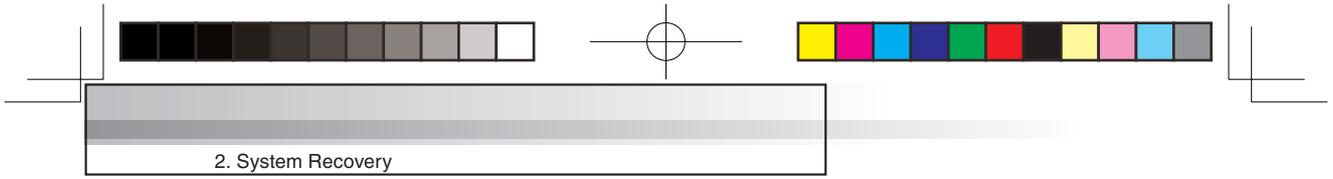
Troubleshooting

8 Select “Recover Boot Partition”.
The confirmation dialogue for conducting recovery will be displayed.

ATTENTION

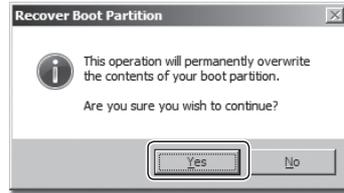
Selecting “Recover Entire Drive” will delete all the data on your computer. After selecting “Recover Entire Drive”, the “Recover Entire Drive” dialogue will be displayed. Read the confirmation message for conducting recovery and click the “YES” button to start recovery. Then, follow the same procedure as step 8.





9 Click the “YES” button.
The recovery will start. After the recovery is completed, the machine will be automatically turned off.

Turn on the machine to start Windows setup.



4

Troubleshooting

3

Startup of BIOS Setup

“BIOS setup” is used for the setting of the basic hardware of the machine. Normally, it is not necessary to change the setting.

ATTENTION

Please do not conduct BIOS setup unless it is necessary. As for conducting BIOS setup, please perform it after confirming the setting contents.
When settings are done incorrectly, the machine may cease to function.

Startup of BIOS Setup

The procedures of starting BIOS setup are as follows.

- 1 Switch off the power of the machine.
- 2 Turn on the power of the machine, and press **F2** key while our logo screen is being displayed. BIOS setup will start after a while.

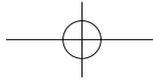
NOTE

For the procedures of BIOS setup, please refer to our homepage.



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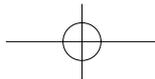
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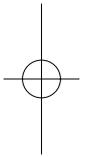
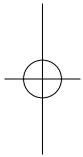
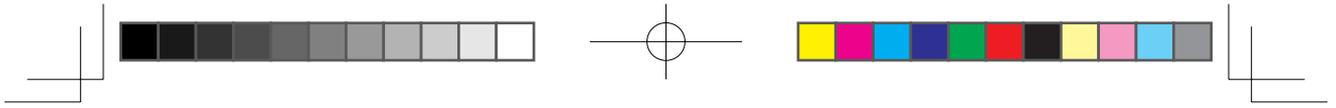
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