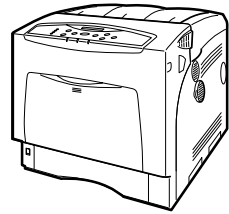




Aficio™ CL4000HDN/CL4000DN

Setup Guide



-
- 1** Guide to the Printer
 - 2** Setting Up
 - 3** Installing Options
 - 4** Connecting the Printer
 - 5** Configuration
 - 6** Installing the Printer Driver

Introduction

This manual contains detailed instructions and notes on the operation and use of this machine. For your safety and benefit, read this manual carefully before using the machine. Keep this manual in a handy place for quick reference.

Power Source

220-240 V, 50/60 Hz, 6 A or more

Please be sure to connect the power cable to a power source as above.

Laser Safety:

This machine is considered class I laser device, safe for office/ EDP use. The machine contains 7 milliwatt, 645 - 660 nanometer wavelength, AlGaInp Laser Diode. Safety precautions and interlock mechanisms have been designed to prevent any possible laser beam exposure to the operator.

The following label is attached on rear side of the printer.



Important

Contents of this manual are subject to change without prior notice. In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.

Caution:

Use of controls or adjustments or performance of procedures other than those specified in this manual might result in hazardous radiation exposure.

Do not copy or print any item for which reproduction is prohibited by law.

Copying or printing the following items is generally prohibited by local law:

bank notes, revenue stamps, bonds, stock certificates, bank drafts, checks, passports, driver's licenses.

The preceding list is meant as a guide only and is not inclusive. We assume no responsibility for its completeness or accuracy. If you have any questions concerning the legality of copying or printing certain items, consult with your legal advisor.

Two kinds of size notation are employed in this manual. With this machine refer to the metric version.

For good print quality, the supplier recommends that you use genuine toner, maintenance kits and parts from the supplier.

The supplier shall not be responsible for any damage or expense that might result from the use of consumables (toner, maintenance kits and parts) other than genuine consumables from the supplier with your office products.

Some illustrations in this manual might be slightly different from the machine.

Certain options might not be available in some countries. For details, please contact your local dealer.

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Trademarks

Microsoft, Windows and Windows NT are registered trademarks of Microsoft Corporation in the United States and/or other countries.

IPS-PRINT Printer Language Emulation Copyright© 1999-2000 Oak Technology, Inc., All rights reserved.

Bluetooth® is a registered trademark of the Bluetooth SIG, Inc. worldwide.

Other product names used herein are for identification purposes only and might be trademarks of their respective companies. We disclaim any and all rights to those marks.

The proper names of the Windows operating systems are as follows:

- Microsoft® Windows® 95 operating system
- Microsoft® Windows® 98 operating system
- Microsoft® Windows® Millennium Edition (Windows Me)
- The product names of Windows® 2000 are as follows:
 - Microsoft® Windows® 2000 Advanced Server
 - Microsoft® Windows® 2000 Server
 - Microsoft® Windows® 2000 Professional
- The product names of Windows® XP are as follows:
 - Microsoft® Windows® XP Professional
 - Microsoft® Windows® XP Home Edition
- The product names of Windows Server™ 2003 are as follows:
 - Microsoft® Windows Server™ 2003 Standard Edition
 - Microsoft® Windows Server™ 2003 Enterprise Edition
 - Microsoft® Windows Server™ 2003 Web Edition
- The product names of Windows NT® 4.0 are as follows:
 - Microsoft® Windows NT® Server 4.0
 - Microsoft® Windows NT® Workstation 4.0

Safety Information

When using your printer, the following safety precautions should always be followed.

In this manual, the following important symbols are used:

 **WARNING:**

Indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.

 **CAUTION:**

Indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.

 **WARNING:**

- ***Confirm the wall outlet is near the machine and freely accessible, so that in the event of emergency, it can be unplugged easily.***
- ***Plug and unplug the power cable with dry hands, or an electric shock could occur.***
- ***Only connect the machine to the power source described in the manual.***
- ***Avoid multi-wiring.***
- ***Do not damage, break or make any modifications to the power cord. Do not place heavy objects on it, pull it hard or bend it more than necessary. These actions could cause an electric shock or fire.***
- ***Do not incinerate spilled toner or used toner. Toner dust is flammable and might ignite when exposed to an open flame.***
- ***Disposal should take place at an authorized dealer or an appropriate collection site.***
- ***If you dispose of the used toner containers yourself, dispose of them according to local regulations.***
- ***Do not take apart or attempt any modifications to this machine. There is a risk of fire, electric shock, explosion or loss of sight. If the machine has laser systems, there is a risk of serious eye damage.***
- ***Dispose at an authorized dealer or approved collection site. If you dispose of the used toner containers yourself, do so according to local regulations.***
- ***Do not risk electric shock by handling the power cord or plug with wet hands.***
- ***Do not take apart or attempt any modifications to this machine. There is a risk of fire, electric shock, explosion or loss of sight. If the machine has laser systems, there is a risk of serious eye damage.***
- ***Keep the machine away from flammable liquids, gases, and aerosols. A fire or an electric shock might occur.***

⚠ CAUTION:

- *Place no objects on the left or inner cover.*
- *Do not pull out the paper tray forcefully. If you do, the tray might fall and cause an injury.*
- *The inside of this printer becomes very hot. Do not touch parts labelled “⚠” (indicating a hot surface). Touching these parts will result in burns.*
- *Do not handle the plug with wet hands. Doing so might cause an electrical shock.*
- *Keep the machine in an area that is within optimum environmental conditions. Operating the machine in an environment that is outside the recommended ranges of humidity and temperature can cause an electrical fire hazard. Keep the area around the socket free of dust. Accumulated dust can become an electrical fire hazard.*
- *Place the machine on a strong and level surface. Otherwise, it might fall and injure someone.*
- *If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.*
- *If your skin comes into contact with toner or used toner, wash the affected area thoroughly with soap and water.*
- *If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.*
- *If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.*
- *Avoid getting toner on your clothes or skin when removing a paper jam or replacing toner. If your skin comes into contact with toner, wash the affected area thoroughly with soap and water.*
- *If toner gets on your clothing, wash with cold water. Hot water will set the toner into the fabric and may make removing the stain impossible.*
- *Keep toner (used or unused) and the toner bottle out of reach of children.*
- *Grip the plug, not the cord, when pulling the plug from the socket. Pulling the cord causes wear and tear that can result in fire or electric shock.*
- *Wait at least one hour after power off before replacing parts. Not allowing the printer to cool may result in burns.*
- *Lifting the paper feed unit carelessly or dropping it may cause injury.*

⚠ CAUTION:

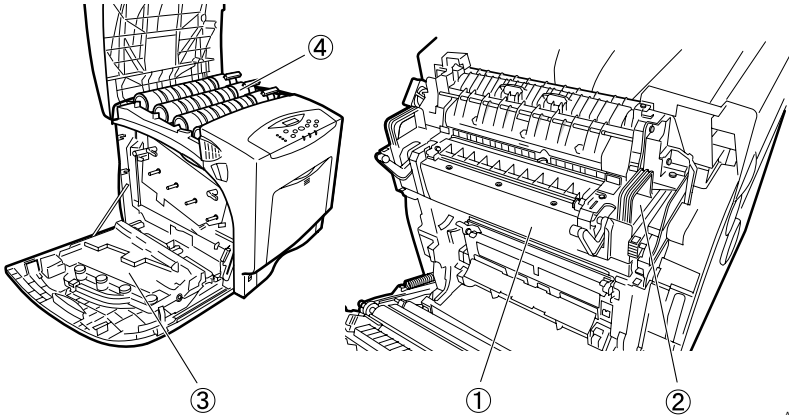
- *When removing misfed paper, do not touch the fusing unit because it could be very hot.*
- *The printer weights approximately 50 kg (110.3 lb.). When moving the printer, use the inset grips on both sides, and lift slowly. The printer will break or cause injury if dropped.*
- *Before installing options, the machine should be turned off and unplugged for at least half an hour. Components inside the machine become very hot, and can cause a burn if touched.*
- *Lifting the paper feed unit carelessly or dropping it may cause an injury.*
- *Do not touch the inside of the controller board compartment. It may cause a machine malfunction or a burn.*
- *When moving the machine, each person should hold the handles that are located on opposite sides, and then lift it slowly. Lifting it carelessly or dropping it may cause an injury.*
- *When you move the printer, remember to unplug the power cord from the wall outlet to avoid a fire or an electric shock.*
- *When moving the printer after use, do not take out any of the Toners, Photo Conductor Units, nor the Waste Toner Cartridge to prevent toner spill inside the machine.*
- *When lifting the machine, use the inset grips on both sides. Otherwise the printer could break or cause an injury if dropped.*
- *Before moving the machine, unplug the power cord from the wall outlet. If the cord is unplugged abruptly, it could become damaged. Damaged plugs or cords can cause an electrical or fire hazard.*

 Note

- Under certain temperature and humidity conditions, printing may cause vapour to issue from paper. The standard tray (behind the control panel) may emit steam during printing.
- Our products are engineered to meet the highest standards of quality and functionality. When purchasing expendable supplies, we recommend using only those specified by an authorized dealer.

Positions of ⚠ WARNING and ⚠ CAUTION labels

This machine has labels for ⚠WARNING and ⚠CAUTION at the positions shown below. For safety, please follow the instructions and handle the machine as indicated.



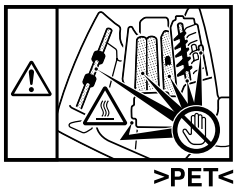
AET5005

①

⚠	CAUTION ATTENTION ACHTUNG ATTENZIONE PRECAUCIÓN 注意	V L A
*High temperature parts. Turn off the main power, and be careful when replacing fusing unit/removing misfed paper. *Temperature élevée. Éteignez l'alimentation et soyez prudent lorsque vous remplacez l'unité de fusion/retirez le papier. *Alta temperatura de las partes calientes. Apague el interruptor de alimentación principal y tenga cuidado al reemplazar la unidad de fusión/eliminar el papel. *Wichtig: heie Teile. Schalten Sie den Hauptstecker aus und gehen Sie behutsam beim Ersetzen der Fuser-Einheit oder Entfernen eines Papierstopps vor. *重要: 高温部。電源スイッチをオフし、フuserユニットの交換や紙詰まりの取り除きに注意してください。		

High temperature parts. Turn off the main power and be careful when replacing fusing unit / removing misfed paper.

②



The inside of this printer becomes very hot. Do not touch parts labelled "⚠" (indicating a hot surface). Touching these parts will result in burns.

③



Do not incinerate used toner or toner containers. Toner dust might ignite when exposed to an open flame.

④




Do not incinerate spilled toner or used toner. Toner dust is flammable and might ignite when exposed to an open flame.

Disposal should take place at an authorized dealer or an appropriate collection site.

If you dispose of the used toner containers yourself, dispose of them according to local regulations.

ENERGY STAR Program

<p>ENERGY STAR®</p> 	<p>As an ENERGY STAR Partner, we have determined that this machine model meets the ENERGY STAR Guidelines for energy efficiency.</p>
---	--

The ENERGY STAR Guidelines intend to establish an international energy-saving system for developing and introducing energy-efficient office equipment to deal with environmental issues, such as global warming.

When a product meets the ENERGY STAR Guidelines for energy efficiency, the Partner shall place the ENERGY STAR logo onto the machine model.

This product was designed to reduce the environmental impact associated with office equipment by means of energy-saving features, such as Low-power mode.

❖ Low-power Mode (Energy Saver mode)

This printer automatically lowers its power consumption 30 minutes after the last operation has been completed. To exit Low-power (Energy Saver) mode, press any key on the control panel. For more information about how to configure Energy Saver mode, see “Making Printer Settings with Control Panel”, Software Guide as a HTML file on the CD-ROM.

❖ Specifications

Energy Saver mode	Power Consumption	6 W or less
	Default Time	30 minutes
	Recovery Time	30 seconds or less

How to Read This Manual

The following set of symbols is used in this manual.

WARNING:

This symbol indicates a potentially hazardous situation that might result in death or serious injury when you misuse the machine without following the instructions under this symbol. Be sure to read the instructions, all of which are described in the Safety Information section.

CAUTION:

This symbol indicates a potentially hazardous situation that might result in minor or moderate injury or property damage that does not involve personal injury when you misuse the machine without following the instructions under this symbol. Be sure to read the instructions, all of which are described in the Safety Information section.

* The statements above are notes for your safety.

Important

If this instruction is not followed, paper might be misfed, originals might be damaged, or data might be lost. Be sure to read this.

Preparation

This symbol indicates information or preparations required prior to operating.

Note

This symbol indicates precautions for operation, or actions to take after abnormal operation.

Limitation

This symbol indicates numerical limits, functions that cannot be used together, or conditions in which a particular function cannot be used.

Reference

This symbol indicates a reference.

[]

Keys that appear on the machine's display.

Keys and buttons that appear on the computer's display.

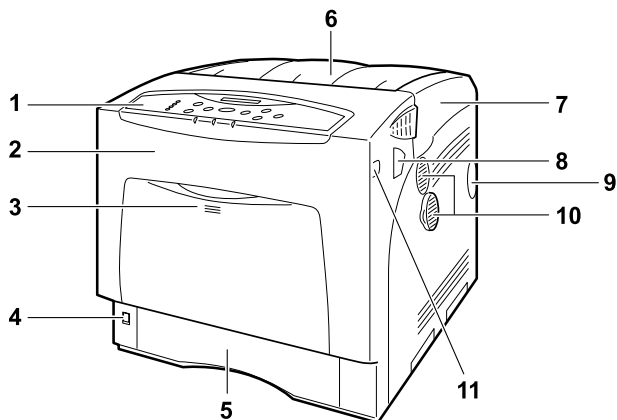
[]

Keys built into the machine's control panel.

Keys on the computer's keyboard.

1. Guide to the Printer

Exterior: Front View



AET020S

1. Control Panel

Contains keys for printer control and a display that shows the printer status.

2. Front Cover

Open the front cover to replace the fusing unit or transfer roller, or to remove jammed paper.

The front cover can be opened in two ways:

To replace the fusing unit or roller, pull the levers marked "A" on either side of the machine. To remove jammed paper, press the button marked "Z" on the right side of the machine.

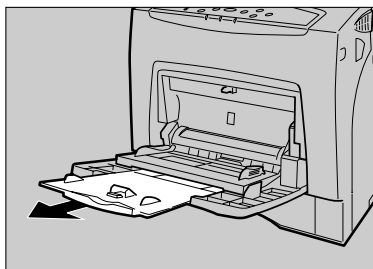
3. Bypass Tray

Up to 100 sheets of plain paper can be loaded.



Note

- When setting paper larger than A5, pull out the paper support tray as shown in the drawing. For information on the sizes and types of paper that can be used, see Maintenance Guide.



AET047S

4. Power Switch

Use this switch to turn the power on and off.

5. Tray 1

Up to 550 sheets of plain paper can be loaded.

6. Standard Tray

Output is stacked here with the print side down.

7. Top Cover

Open this cover when replacing the toner cartridge.

8. Front Cover (A) Open Levers

9. Vent

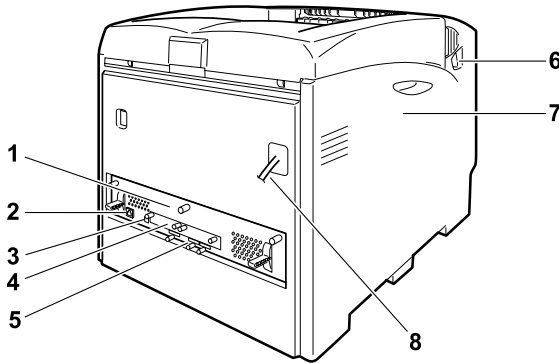
10. Ventilator

Releases heat from internal components to prevent overheating. Malfunctions occur if the vent is blocked or obstructed.

11. Front Cover (Z) Open Button

Exterior: Rear View

1



AET002S

1. Controller Board

Slide this out to install options such as the memory unit, user account enhance unit or printer hard disk. Plug cables such as the USB cable and Ethernet cable into their connectors.

2. Ethernet Port

Use a network interface cable to connect the printer to the network.

3. USB Port

Use a USB cable to connect the printer to the host computer.

4. Optional Interface Board Slots

Insert an optional 1394 interface board, 802.11b interface unit, wireless interface board, or 1284 interface board in this slot. Up to two interface board can be inserted at a time.

5. Expansion Card Slots

Install expansion cards in these slots. There are three slots.

When you use the expansion card, use the centre slot.

6. Front Cover (A) Open Levers

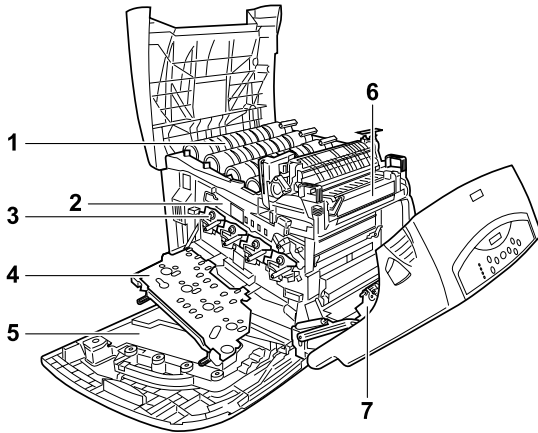
7. Left Cover

Open this cover when replacing the photo conductor unit (PCU), intermediate transfer unit or waste toner cartridge.

8. Power Cable

Inside

1



AET003S

1. Toner Cartridge

Loads from the printer rear, in the order of yellow (Y), cyan (C), magenta (M), and black (K).

When “Add Toner XXX” appears on the display, replace the indicated color of the toner cartridge.

Note

- The color is displayed for XXX.

2. Intermediate Transfer Unit (Transfer Unit)

When “Replace Transfer Unit” appears on the display, replace the transfer unit .

3. Photo Conductor Unit

When “Replace Black PCU” or “Replace Color PCU” appears on the display, replace the photo conductor unit.

4. Inner Cover

Open this when replacing the photo conductor units or intermediate transfer unit.

5. Waste Toner Bottle

Collects toner that is wasted during printing.

When “Replace Waste Toner bottle” appears on the display, replace the waste toner bottle.

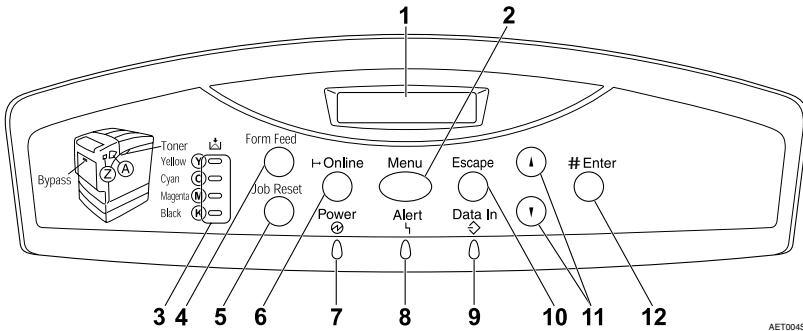
6. Fusing Unit

When “Replace Maintenance Kit” appears on the display, replace the fusing unit.

7. Transfer Roller

When “Replace Maintenance Kit” appears on the display, replace the transfer roller.

Control Panel



AET004S

1. Display

Displays current printer status and error messages.

For details about error messages, see Maintenance Guide.

2. [Menu] key

Press this key to make and check the current printer settings.

For details, See "Making Printer Settings Using the Control Panel", Software Guide.

3. Toner End LED

The color of the lit LED indicates the toner status for each color.

A yellow light indicates that the toner amount is approaching exhaustion, and the red light indicates that the toner cartridge needs to be replaced.

4. [Form Feed] key

When the printer is offline, press this to print all data left in the printer's input buffer.

You can use this to force the printer to print data received in the online status when the paper size or type does not match the actually set size or type.

5. [Job Reset] key

When the printer is online, press this key to cancel an ongoing print job.

6. [Online] key

Indicates whether the printer is online or offline. Press this to switch between online and offline.

When the lamp is lit, the printer is online, enabling data reception from the host computer.

When the lamp is unlit, the printer is offline, disabling data reception from the host computer.

Press to return to the ready condition.

7. Power indicator

This indicator remains lit while the power is on. It is unlit when the power is off or while the printer is in Energy Saver mode.

8. Alert indicator

Lights up whenever a printer error occurs. A red light indicates an error has occurred that makes printing impossible; the yellow light indicates a potential error during printing.

If the red light is on, follow the instructions that appear on the display.

9. Data In indicator

Blinks when the printer is receiving data from a computer. The Data In indicator is lit if there is data to be printed.

10. [Escape] key

Press this key to return to the previous condition on the display.

11. [▲][▼] keys

Use these keys to increase or decrease values on the display when making settings.

Keep the key pressed to quicken scrolling, and increase or decrease values on the display in units of 10.

12. [# Enter] key

Press this key to execute menu items selected on the display.

2. Setting Up

Where to Put the Printer

The printer's location should be carefully chosen because environmental conditions greatly affect its performance.

⚠ WARNING:

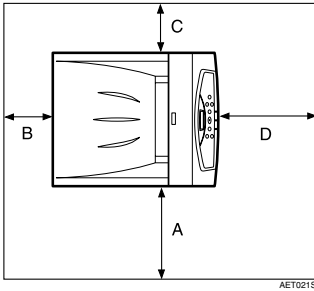
- ***Confirm the wall outlet is near the machine and freely accessible, so that in the event of emergency, it can be unplugged easily.***
- ***Only connect the machine to the power source described in the manual.***
- ***Avoid multi-wiring.***
- ***Do not damage, break or make any modifications to the power cord. Do not place heavy objects on it, pull it hard or bend it more than necessary. These actions could cause an electric shock or fire.***

⚠ CAUTION:

- *Do not handle the plug with wet hands. Doing so might cause an electrical shock.*
- *Keep the machine in an area that is within optimum environmental conditions. Operating the machine in an environment that is outside the recommended ranges of humidity and temperature can cause an electrical fire hazard. Keep the area around the socket free of dust. Accumulated dust can become an electrical fire hazard.*
- *Place the machine on a strong and level surface. Otherwise, it might fall and injure someone.*
- *If you use the machine in a confined space, ensure there is continuous air circulation.*

❖ **Space Required for Installation**

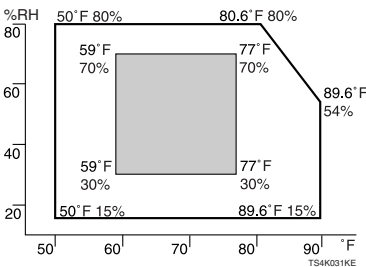
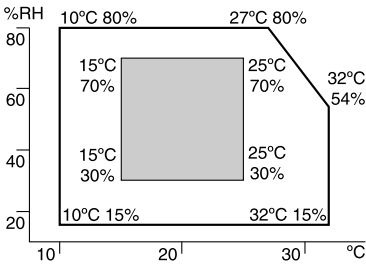
Leave enough space around the printer. This space is necessary to operate the printer. The recommended (or minimum) space requirements are as follows:



- A: 50 cm (19.7 inches) or more
- B: 10 cm (4 inches) or more
- C: 10 cm (4 inches) or more
- D: 70 cm (27.6 inches) or more

❖ **Optimum Environmental Conditions**

Permissible and recommended temperature and humidity ranges are as follows:



- White area: Permissible Range
- Gray area: Recommended Range

 **Note**

- The machine must be level within 5 mm, 0.2" from both front to rear and left to right.
- To avoid possible build-up of ozone, locate this machine in a large well ventilated room that has an air turnover of more than 30 m³/hr/person.
- When you use this machine for a long time in a confined space without good ventilation, you may detect an odd smell. To keep the workplace comfortable, we recommend you keep it well ventilated.

❖ Environments to Avoid **Important**

- Areas exposed to direct sunlight or strong light
- Dusty areas
- Areas with corrosive gases
- Areas that are excessively cold, hot, or humid
- Locations near air conditioners or humidifiers
- Locations near other electronic equipment
- Locations subject to frequent strong vibration

❖ Power Source

Connect the power cable to a power source of the following specification:

- 220 - 240 V, 50/60 Hz, 6 A or more

Checking the Contents of the Box

Follow the procedure below to verify the items that come with the printer.

Important

- Ensure that the box contains all items listed below. If there are any missing or defective items, contact your sales representative.

❖ Manuals and CD-ROMs

- Setup Guide (This manual)
- Maintenance Guide
- CD-ROM "Printer Drivers and Utilities"
- CD-ROM "Display-Version Manuals (HTML)"
- CD-ROM "Print-Version Manuals (PDF)"
- CD-ROM "Document Management Utility"

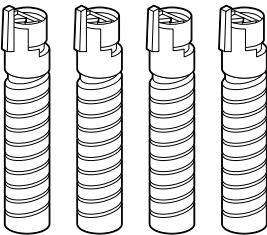
❖ Parts

- Ferrite Core × 2



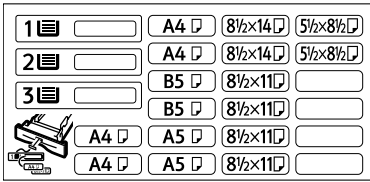
AET510S

- Toner Cartridges: Black (K), Magenta (M), Cyan (C), Yellow (Y)



AET028S

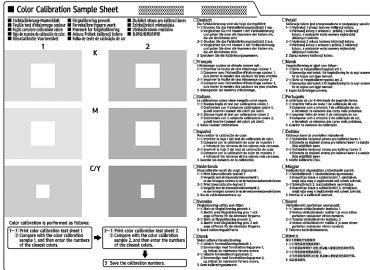
□ Paper Feed Unit Labels



AET031S

2

□ Color Calibration Sample Sheet



□ Additional Documentation

 **Note**

- This package does not include an interface cable. Please purchase one to use with your host computer. See “Appendix”, Maintenance Guide.

Unpacking

To protect it from shock and vibration during transit, this printer comes packaged in cushioning foam and secured with tape. Remove these protective materials after bringing the machine to where it will be installed.

⚠ CAUTION:

- When lifting the machine, use the inset grips on both sides. The printer could break or cause an injury if dropped.

⚠ CAUTION:

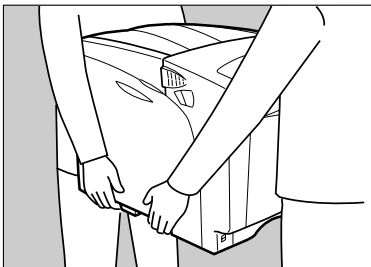
- Place no objects on the left or inner cover.

⚠ Important

- ❑ Be sure to remove all four strips of tape from the photo conductor unit to avoid malfunction.
- ❑ Removed tape is dirty. Be careful not to let it touch your hands or clothes.

1 Remove the plastic bag.

2 Lift the printer with two people by using the inset grips on both sides of the printer.



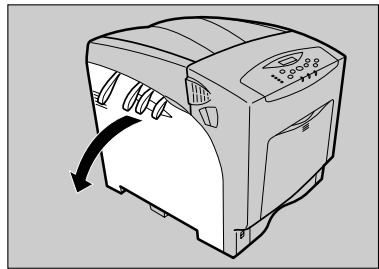
AET034S

⚠ Important

- ❑ Leave the tape holding the paper feed tray and cover in place while moving the printer.
- ❑ Lower the machine slowly and carefully to prevent trapping your hands.

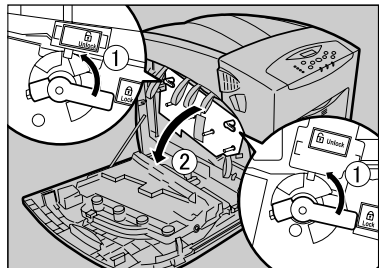
3 Remove the orange adhesive tape from the printer body.

4 Open the left cover. Do not remove the orange tape attached to the left cover.



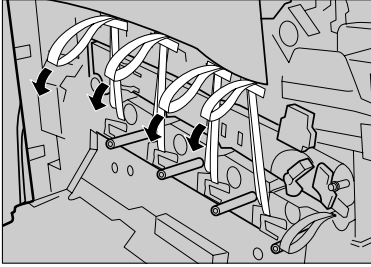
AET023S

5 Turn the two green levers counterclockwise (①), and then slowly open the inner cover (②).



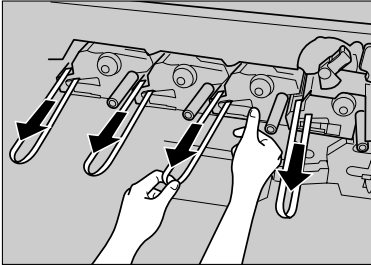
AET801S

- 6** Remove the end of the tape from the printer.



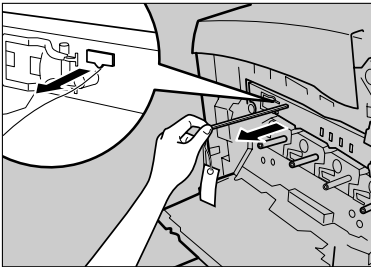
AET802S

- 7** Remove the four pieces of tape from the photo conductor unit.



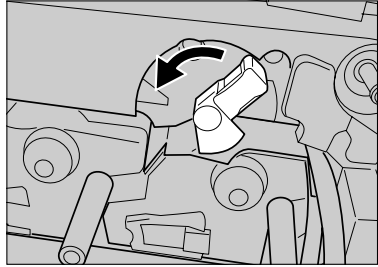
AET803S

- 8** Remove the securing pin, as shown, from the transfer unit. Pinch it, and then pull it out.



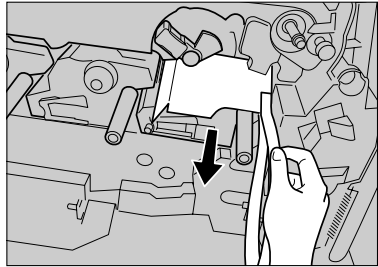
AET804S

- 9** Turn the green lever of the transfer unit counterclockwise to unlock the unit.



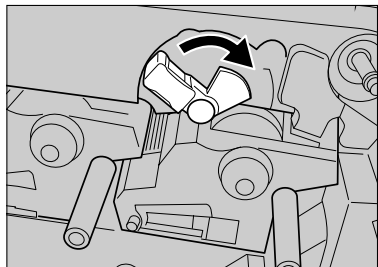
AET805S

- 10** Remove the protective sheet, as shown. Pinch the orange tape, and then pull it out.



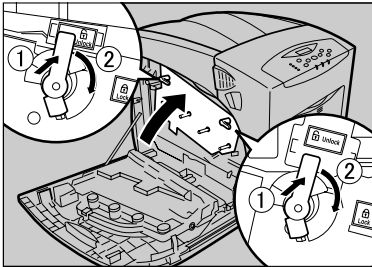
AET906S

- 11** Turn the green lever clockwise to lock the unit.

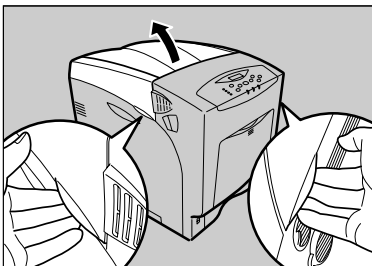


AET146S

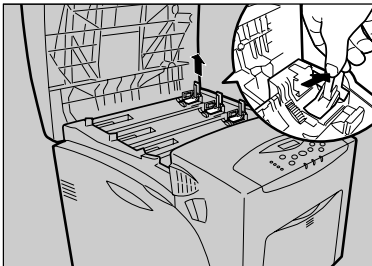
- 12 Close the inner cover. Lock the inner cover by pressing in (1) and then turning the two green levers clockwise (2).



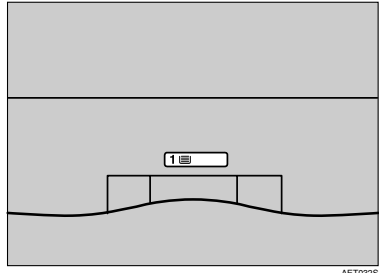
- 13 Close the left cover.
Close the left cover firmly using both hands, until it clicks into place.
- 14 Open the top cover by grasping the handles on the left and right sides.



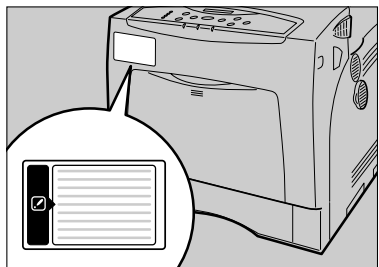
- 15 Remove the clips protecting the mouths of all four toner cartridges.



- 16 Close the top cover.
- 17 Put labels "1" on the front of the paper tray.



- 18 Attach the supplied sticker, which warns users that ink-jet printer paper cannot be used with this printer, to the front of the machine.



Installing the Toner Cartridge

The following procedure describes how to install the toner cartridge.

WARNING:

- **Do not incinerate spilled toner or used toner. Toner dust is flammable and might ignite when exposed to an open flame.**
- **Disposal should take place at an authorized dealer or an appropriate collection site.**
- **If you dispose of the used toner cartridges yourself, dispose of them according to local regulations.**
- **Do not store toner, used toner, or toner containers in a place with an open flame. The toner might ignite and cause burns or a fire.**

CAUTION:

- *Keep toner (used or unused) and the toner cartridge out of reach of children.*
- *If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.*
- *If your skin comes into contact with toner or used toner, wash the affected area thoroughly with soap and water.*
- *If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.*


CAUTION:

- *If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary*
- *Avoid getting toner on your clothes or skin when removing a paper jam or replacing toner. If your skin comes into contact with toner, wash the affected area thoroughly with soap and water.*
- *If toner gets on your clothing, wash with cold water. Hot water will set the toner into the fabric and may make removing the stain impossible.*

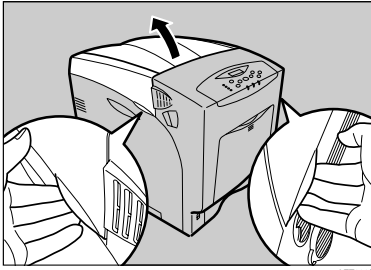
Important

- When you first use this printer, use the four toner cartridges packaged with the printer.

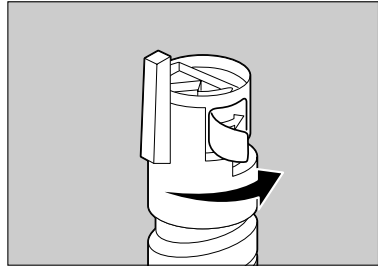
Note

- The toner cartridges that comes with the printer will allow you to print up to about 3,000 pages. These numbers were obtained from printing A4  5% charts, but the actual number of pages will vary depending on the paper type, size, contents, and settings.
- The toner cartridge for replacement comes in two types for different number of printable pages: 15,000 pages and 5,000 pages.
- Toner Cartridges (consumable) are not covered by warranty. However, if there is problem, contact the store where they were purchased.
- Toner cartridge mouths may be dirtied during quality inspection.

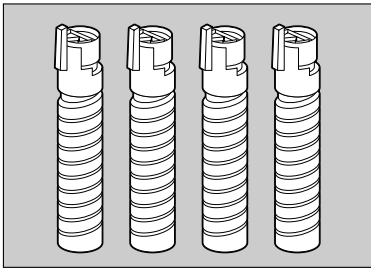
1 Open the top cover.



4 Remove the tape holding the toner cartridge.

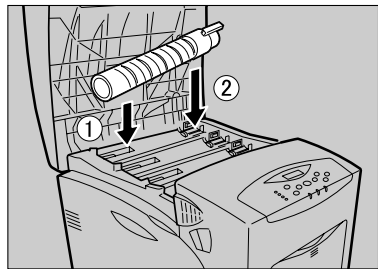
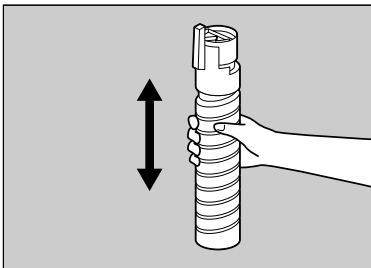


2 Take the toner cartridges out of the box.

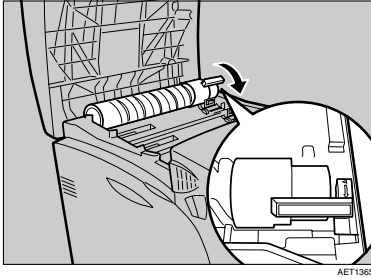


5 First, install the yellow toner cartridge. Holding the toner cartridge horizontally (①) with the locking lever on the upper side, install the toner cartridge bottom first, and then move the locking lever to the triangle mark (②).

3 Shake the toner cartridge up and down seven or eight times.



- Turn the locking lever to the circle mark. Pull the locking lever toward you, until it locks into place.



Important

- Do not repeatedly insert and remove toner cartridges. Doing so results in toner leakage.

- Use the same procedures to insert the remaining three toner cartridges: cyan (C), magenta (M), and black (K).

- Close the top cover.

Important

- Do not turn off the power switch while "Loading Toner..." appears on the display. Doing so results in malfunction.

Loading Paper

The following describes how to load paper into the standard paper tray (Tray 1).

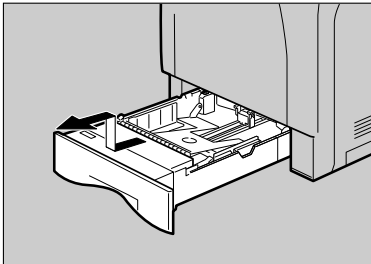
CAUTION:

- Do not pull out the paper tray forcefully. If you do, the tray might fall and cause an injury.

Important

- To avoid paper jams, make sure paper is not stacked above the limit mark inside the tray. Misfeeds might occur.
- Do not mix different types of paper in a single paper tray.

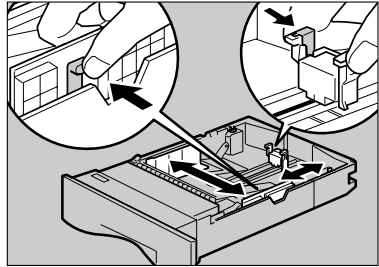
1 Slowly slide out the paper tray (Tray1), until it stops. Then, lift it slightly, and then pull it out completely.



AET0415

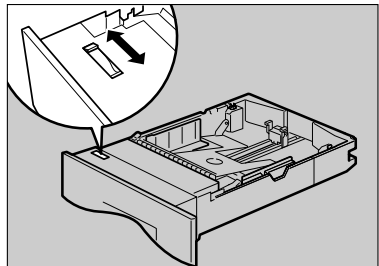
Place it on a flat surface.

2 Pinch the green clips of the side guide and the end guide and adjust the guides to the paper size being loaded.



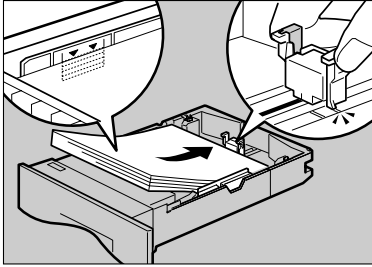
AET0425

3 Slide the green switch on the front of the tray to the type of paper to be loaded. When loading paper of 75 g/m², 20 lb., or thicker, slide the switch to the right.



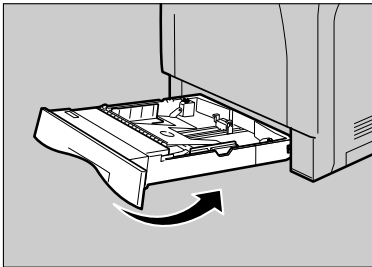
AET0435

- 4** Load the new paper stack print side up, making sure the paper is flush against the paper guides. Adjust the paper guides to close any gaps.



AET044S

- 5** Lift the front of the paper tray (Tray 1), and slowly slide the paper tray back, until it stops. Make sure the tray is fully inserted to prevent paper jams.



AET045S

Reference

For details about usable types of paper, see “Loading Paper”, Maintenance Guide.

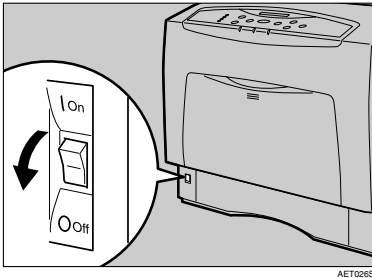
Turning the Power On

Follow the procedure below to turn the power on.

⚠ WARNING:

- **Plug and unplug the power cable with dry hands, or an electric shock could occur.**

1 Make sure the power switch is set to "O" Off.

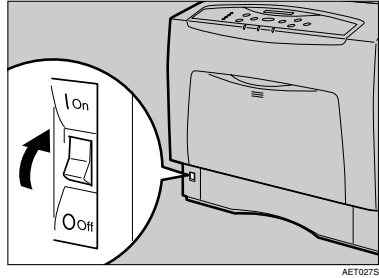


2 Plug in the power cable.

⚠ Important

- Make sure the power cable is plugged securely into the wall outlet.
- Turn the power switch off when plugging and unplugging the power plug.

3 Turn the power switch to "I" On.



The power indicator on the control panel lights up.

🔧 Note

- Wait until "Ready" appears on the display panel.
- The machine may make a noise while initializing. This noise does not indicate a malfunction.

⚠ Important

- Do not turn off the power switch until initializing is completed. Doing so results in malfunction.

Selecting the Display Language

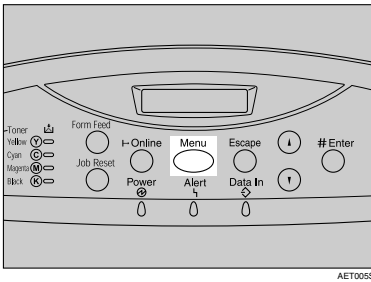
Select a language using the procedure described here.

The message for the selected language will appear on the display. If you want to use the display in English, the following procedures are unnecessary.

Note

- The default setting is English.

- 1 Press the [Menu] key.

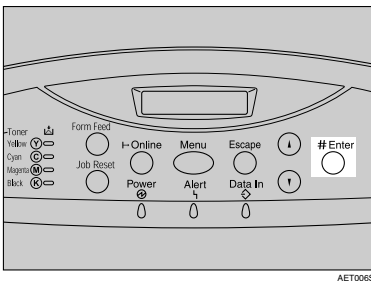


The “Menu” appears on the display.

- 2 Press the [▲] or [▼] key to display “Language”.



- 3 Press the [# Enter] key.



The following message appears on the display:

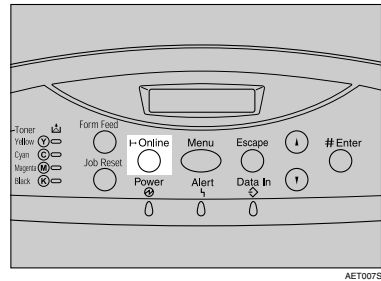


- 4 Press the [▲] or [▼] key until the language you want to select appears.

- 5 Press the [# Enter] key. Wait for two seconds.

“Menu” appears on the display.

- 6 Press the [Online] key.



“Ready” message appears on the display.

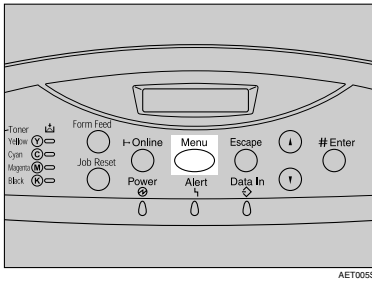


Test Printing

The following explains the procedure for test printing of the configuration page.

Test print in order to verify that the printer is working normally. Test printing checks printer performance only; it does not test the connection to the computer.

1 Press the [Menu] key.



“Menu” appears on the display.

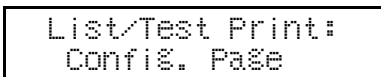


2 Press the [▲] or [▼] key to display “List/Test Print”, and then press the [# Enter] key.



The menu for selecting the contents to be test printed appears.

3 Press the [▲] or [▼] key to display the “Config. Page”, and then press the [# Enter] key.



The following message appears and the configuration page is printed.



Note

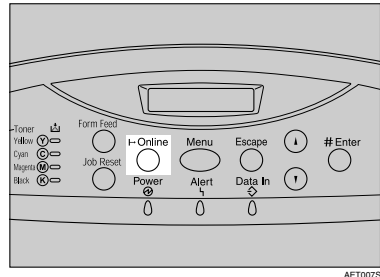
- If printing is not normal, check to see if an error message appears on the display. If there is an error message, see “Troubleshooting”, Maintenance Guide.

4 Check the options.

Note

- For details about the configuration page, see “Interpreting the Configuration Page”, Software Guide.

5 Press the [Online] key.



“Ready” message appears on the display.



3. Installing Options

Available Options

This section describes how to install options.

By installing options, you can improve the printer performance and have an expanded variety of features to use. For the specifications of each option, see Maintenance Guide.

 **CAUTION:**

- *Before installing options, the machine should be turned off and unplugged for at least an hour. Components inside the machine become very hot, and can cause a burn if touched.*
- *Before moving the machine, unplug the power cable from the outlet. If the cable is unplugged abruptly, it could become damaged. Damaged plugs or cables can cause an electrical or fire hazard.*
- *When lifting the machine, use the grips on both sides. The machine could break or cause an injury if dropped.*

 **Important**

- The voltage rating of the connector for options is 24 V DC or less.

Option List

The following is a list of options for this printer. Some printer models come with the expansion Hard Disk Drive and Network Data Protection Unit installed as default.

	Basic model printer	HDD standard model printer
Paper Feed Unit Type 4000	<input type="radio"/>	<input type="radio"/>
Hard Disk Drive Type 4000	<input type="radio"/>	
Memory Unit Type D 128MB	<input type="radio"/>	<input type="radio"/>
Memory Unit Type E 256MB	<input type="radio"/>	<input type="radio"/>
IEEE 802.11b Interface Unit Type H	<input type="radio"/>	<input type="radio"/>
IEEE 1284 Interface Board Type A	<input type="radio"/>	<input type="radio"/>
IEEE 1394 Interface Board Type B	<input type="radio"/>	<input type="radio"/>
Bluetooth Interface Unit Type 3245	<input type="radio"/>	<input type="radio"/>
User Account Enhance Unit Type E	<input type="radio"/>	<input type="radio"/>
Network Data Protection Unit Type B	<input type="radio"/>	

: Available option

Option Installation Flow Chart

We recommend you install multiple options in the following order:

1 Attach the paper feed unit (Paper Feed Unit Type 4000).

Attach the paper feed unit to the bottom of the printer.

You can attach up to two paper feed unit. Up to 1750 sheets of paper can be loaded.

2 Install the SDRAM module (Memory Unit Type D 128MB, Memory Unit Type E 256MB).

Install the module to the SDRAM module slot on the controller board.

There are two types of memory unit: 128 MB and 256 MB.

3 Install the user account enhance unit (User Account Enhance Unit Type E).

Install the module to the user account enhance unit slot of the controller board.

4 Install the hard disk drive (Hard Disk Drive Type 4000).

Install the hard disk drive to the controller board.

5 Install the IEEE 1394 interface board, IEEE 1284 interface board, IEEE 802.11b interface unit or Bluetooth interface unit.

Install the IEEE 1394 interface board, IEEE 1284 interface board, IEEE 802.11b interface unit or Bluetooth interface unit on the controller board.

The IEEE 1394 interface board and standard Ethernet interface cannot be used at the same time.

Up to two of the following can be installed:

- IEEE 1394 Interface Board Type B
- IEEE 1284 Interface Board Type A
- IEEE 802.11b Interface Unit Type H
- Bluetooth Interface Unit Type 3245

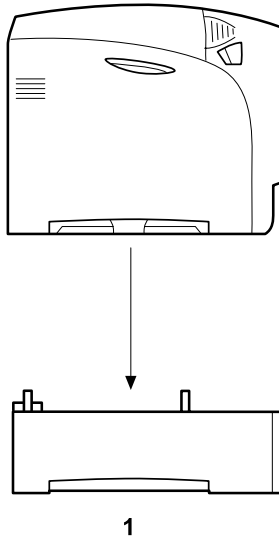
6 Install the network data protection unit (Network Data Protection Unit Type B).

Insert the network data protection unit into the SD card slot on the controller board.

Installing Options

Install options in the positions shown in the illustration.

❖ **Exterior**



1. Paper Feed Unit Type 4000

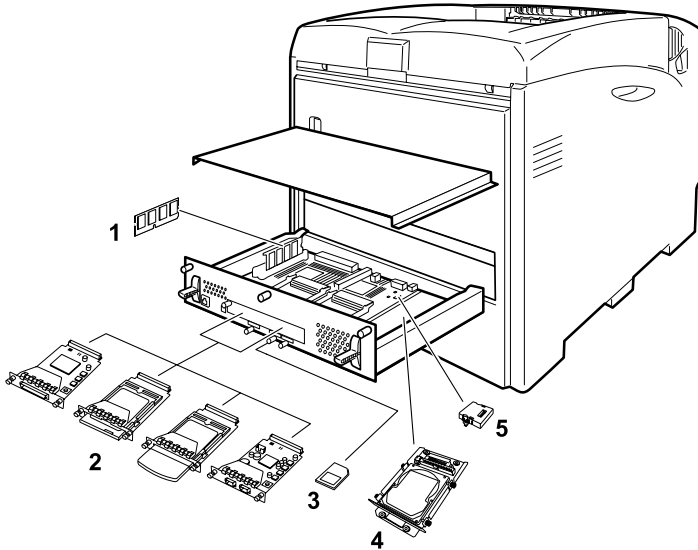
Loads up to 550 sheets of paper.

Up to two paper feed units, can be installed on the printer. Installed tray units are identified as "Tray 2" and "Tray 3".

See p.37 "Attaching Paper Feed Unit Type 4000".

AET061S

❖ Interior



AET082S

1. Memory Unit Type D 128MB/ Memory Unit Type E 256MB (SDRAM module)

Install 128 MB or 256 MB SDRAM module into the controller board slot.
See p.39 “Attaching Memory Unit Type D 128MB, Memory Unit Type E 256MB (SDRAM Module)”

2. IEEE 1394 Interface Board Type B / IEEE 802.11b Interface Unit Type H / Bluetooth Interface Unit Type 3245 / IEEE 1284 Interface Board Type A

See p.49 “Attaching IEEE 1394 Interface Board Type B”

See p.51 “Attaching IEEE 802.11b Interface Unit Type H”

See p.53 “Attaching Bluetooth Interface Unit Type 3245”

See p.55 “Attaching IEEE 1284 Interface Board Type A”

3. Network Data Protection Unit Type B

See p.57 “Attaching Network Data Protection Unit Type B”

4. Hard Disk Drive Type 4000

See p.45 “Attaching Hard Disk Drive Type 4000”

5. User Account Enhance Unit Type E

See p.42 “Attaching User Account Enhance Unit Type E”

Note

- You can have two of the following types of extension board installed at the same time: IEEE 1394 Interface Board Type B, IEEE 802.11b Interface Unit Type H, Bluetooth Interface Unit Type 3245, IEEE 1284 Interface Board Type A.
- Some printer models come with the expansion Hard Disk Drive Unit and Network Data Protection Unit installed as default.

Reference

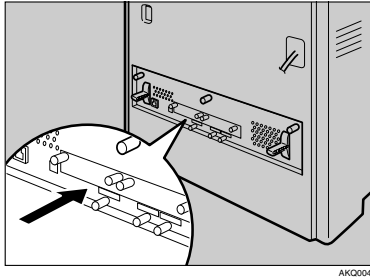
For the specifications of each option, see Maintenance Guide.

Caution when re-installing the controller board

This section describes handling the controller board when installing options.

If you slide out the controller board to install the SDRAM module, the user account enhance unit, or the printer hard disk, carefully follow the instruction below to re-install the controller board.

- Re-install the controller board into the machine by pushing the bottom center area of the board, as shown in the illustration.



Important

- The following may occur if the controller board is not properly installed:
 - all control panel indicators light
 - no control panel indicators light
 - the "SC670" error message appears on the display

Attaching Paper Feed Unit Type 4000

Preparation

When installing multiple options, install the paper feed unit first.

CAUTION:

- *The printer weights approximately 50 kg (110.3 lb.). When moving the printer, use the inset grips on both sides, and lift slowly. The printer will break or cause injury if dropped.*

CAUTION:

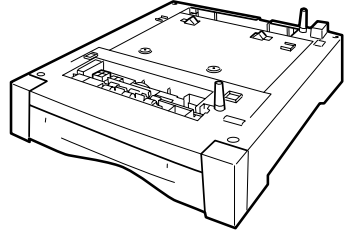
- *Lifting the paper feed unit carelessly or dropping it may cause injury.*

Important

- Up to two paper feed units can be attached to the printer.
- When two paper feed units are installed, they are identified as "Tray 2" and "Tray 3" starting from the upper unit.
- Before using the new Paper Feed Unit, you must make settings in the printer driver.
- Check the printer nameplate to confirm the model code.

1 Check the package contains the following:

- ❖ Paper Feed Unit (including a paper tray)

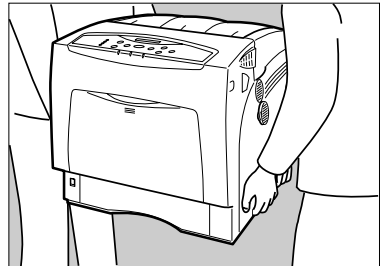


AET108S

2 Turn off the power, and then unplug the power cable.

3 Remove the orange fastening tapes from the paper feed unit.

4 Lift the printer using the inset grips on both sides of the printer.

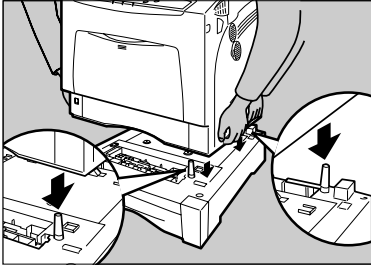


AET022S

Important

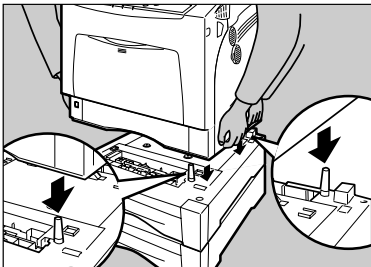
- The printer should always be lifted by at least two people.

- 5** Align the printer with the two upright pins on the paper feed unit and then lower the printer slowly.



AET074S

When installing two paper feed units, connect the two units first using the same procedure below before connecting the units to the printer.



AET075S

Note

- When moving the printer, remove the paper feed unit.
- After finishing installation, you can check whether the paper feed unit is properly installed: Print the configuration page from the "List/Test Print" menu. If it is installed properly, you will see "Tray 2" or "Tray 2, Tray 3" under the "Options" list.
- If the paper feed unit is not installed properly, reinstall it from step **2**. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see p.30 "Test Printing". See "Loading Paper", Maintenance Guide.

When adjusting the printing position, see "Adjusting Tray Registration", Maintenance Guide.

Attaching Memory Unit Type D 128MB, Memory Unit Type E 256MB (SDRAM Module)

⚠ CAUTION:

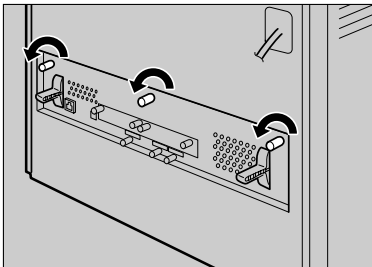
- Do not touch the inside of the controller board compartment. Doing so may cause a malfunction or a burn.

⚡ Important

- ❑ Before touching the memory unit, ground yourself by touching something metal to discharge any static electricity. Static electricity can damage the memory unit.
- ❑ Do not subject the memory unit to physical shocks.
- ❑ Available memory varies depending on model type.
- ❑ Before using the new memory unit, you must make settings in the printer driver.

1 Turn off the power, and then unplug the power cable.

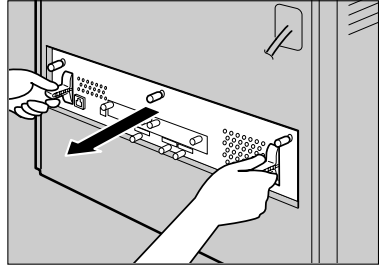
2 Loosen the three screws securing the controller board.



AET0635

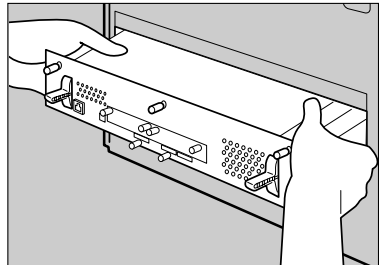
The screws cannot be fully removed.

3 Grasp the handles and carefully pull out the controller board.



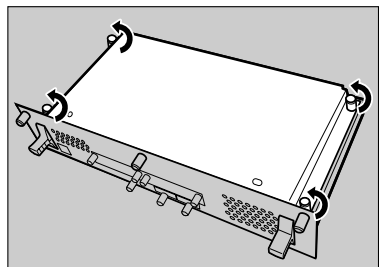
AET0645

Using both hands, slide the controller board completely out.



AET0655

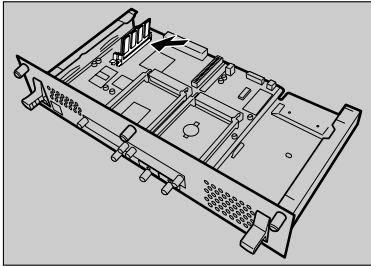
4 Place the controller board on a flat surface, and then loosen the four screws to remove the cover.



AET0665

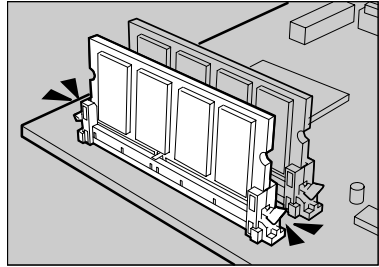
The screws cannot be fully removed.

- 5** You must install the SDRAM module as shown.



AET0675

- 7** Press down the SDRAM module, until it clicks into place.

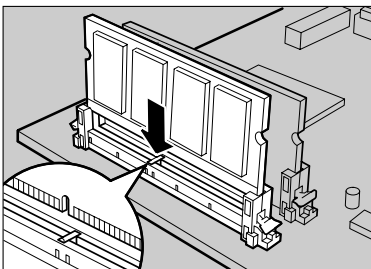


AET0775

Note

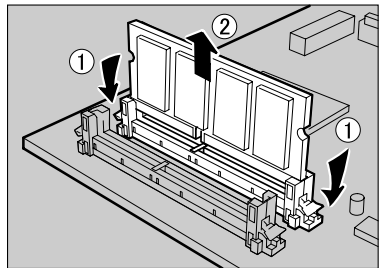
- Two slots are provided for the SDRAM modules. The default SDRAM module is installed in the inner slot. To install additional memory, attach an additional SDRAM module to the outer slot, or replace the default SDRAM module.

- 6** When installing an SDRAM module in a vacant slot, align the notch of the SDRAM module with the slot, and then insert the module vertically.



AET0765

- 8** When replacing the default SDRAM module, press down the levers on both sides (1) to remove the default module (2).



AET0785

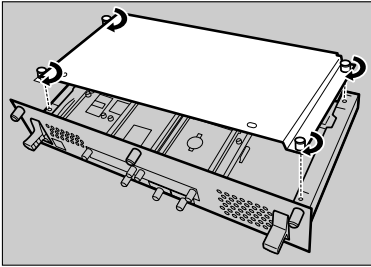
Install a new SDRAM module.

Note

- To increase memory capacity to the maximum of 512 MB, remove the default SDRAM module, and then install two 256 MB SDRAM modules.

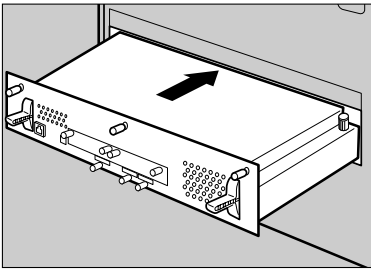
- 9** To install other options on the controller board, follow the appropriate installation procedure(s), and then screw down the controller board cover.

- 10** Fasten the four screws to attach the cover.



AET0706S

- 11** Align the controller board with the left and right rails, and then push it carefully in, until it stops.

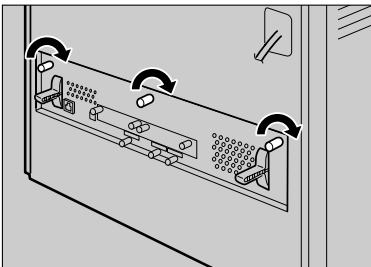


AET0715S

Important

- ❑ The printer may malfunction if the controller board is not properly installed.

- 12** Fasten the controller board to the printer using the three screws.



AET0725S

Note

- ❑ Be sure to return the provided screwdriver to its original position on the inside of the front cover.
- ❑ After finishing the installation, you can check the memory unit is properly installed: Print the configuration page from the "List/Test Print" menu. If it is installed properly, you will see the memory capacity for "Total Memory".
- ❑ The table below shows total SDRAM module capacities.

Standard	Extended	Total
128 MB	128 MB	256 MB
128 MB	256 MB	384 MB
256 MB	128 MB	384 MB
256 MB	256 MB	512 MB

- ❑ If the memory unit is not properly installed, repeat the procedure from step **1**. If you cannot install it properly even after re-installation, contact your sales or service representative.

Reference

For printing the configuration page, see p.30 "Test Printing". Install the controller board carefully. For details, see p.36 "Caution when re-installing the controller board".

Attaching User Account Enhance Unit Type E

⚠ CAUTION:

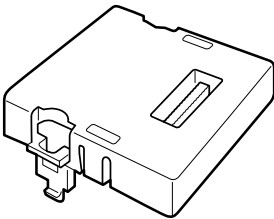
- Do not touch the inside of the controller board compartment. Doing so may cause a malfunction or a burn.

⚡ Important

- ❑ Before touching the User Account Enhance Unit, ground yourself by touching something metal to discharge any static electricity. Static electricity can damage the User Account Enhance Unit.
- ❑ Do not subject the User Account Enhance Unit to physical shocks.

1 Check the package contains the following:

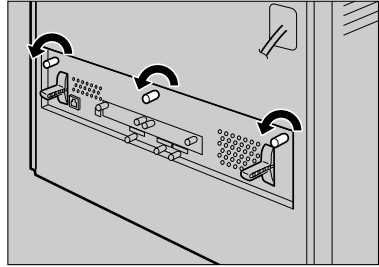
- ❖ User Account Enhance Unit Type E



AET0605

2 Turn off the power, and then unplug the power cable.

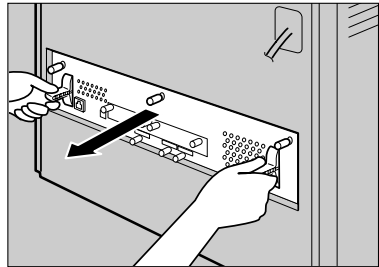
3 Loosen the three screws securing the controller board.



AET0655

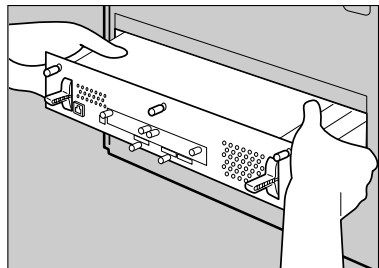
The screws cannot be fully removed.

4 Grasp the handles, and then pull the controller board carefully out.



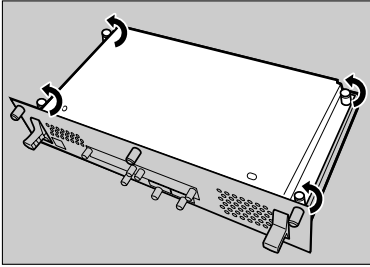
AET0645

Using both hands, slide the controller board completely out.



AET0655

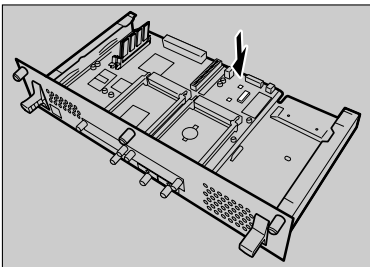
- 5** Place the controller board on a flat surface. Loosen the five screws to remove the cover



AET0665

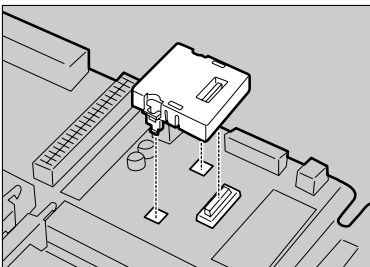
The screws cannot be fully removed.

- 6** You must install the User Account Enhance Unit as shown.



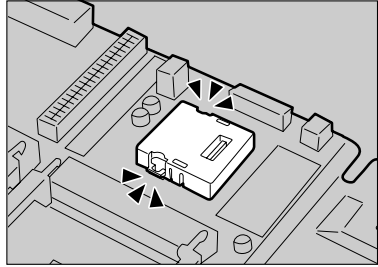
AET0665

- 7** Align the notch of the user account enhance unit, and then insert it into the controller board, pressing it down until it clicks into place.



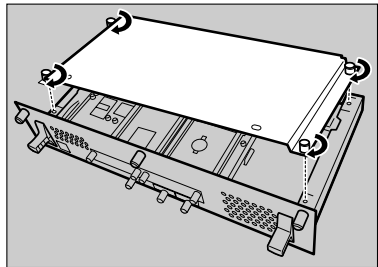
AET0615

- 8** Make sure that the user account enhance unit is firmly connected to the controller board.



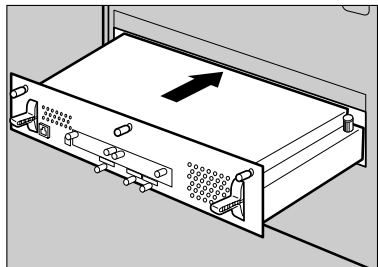
AET0625

- 9** Fasten the four screws to attach the cover.



AET0705

- 10** Align the controller board with the left and right rails, and then push it carefully in, until it stops.

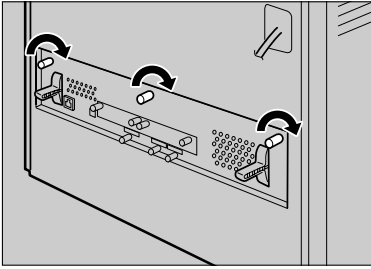


AET0715

Important

- The printer may malfunction if the controller board is not properly installed.

- 1** Fasten the controller board to the printer using the three screws.



AET072S

3

 **Note**

- ❑ After finishing installation, you can check the User Account Enhance Unit is properly installed: Print the configuration page from the “List/Test Print” menu. If it is installed properly, you will see “Accounting Module” for “Controller Option”.
- ❑ If the User Account Enhance Unit is not installed properly, reinstall it from step **1**. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

 **Reference**

For printing the configuration page, see p.30 “Test Printing”.
Install the controller board carefully. For details, see p.36 “Caution when re-installing the controller board”.

Attaching Hard Disk Drive Type 4000

⚠ CAUTION:

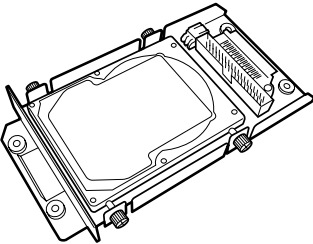
- Do not touch the inside of the controller board compartment. Doing so may cause a machine malfunction or a burn.

⚡ Important

- Before touching the hard disk drive, touch something metal to discharge any static electricity. Static electricity can damage the hard disk drive.
- Do not subject the hard disk drive to physical shocks.
- Before using the new hard disk drive, you must make the settings in the printer driver.

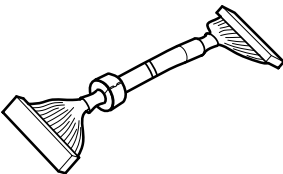
1 Check the package contains the following:

❖ Hard Disk Drive



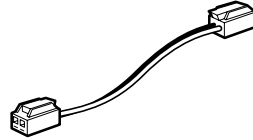
AET063S

❖ Flat Cable



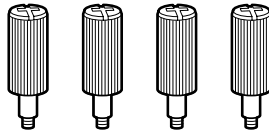
AK0005S

❖ Power Cable



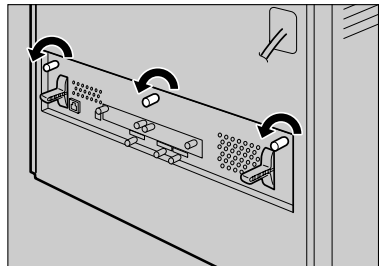
AET065S

❖ Four Screws



AET066S

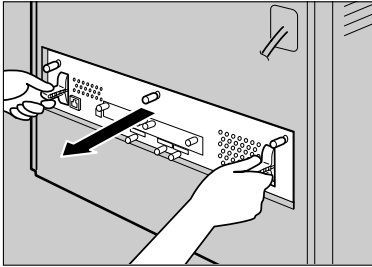
- Turn off the power, and then unplug the power cable.
- Loosen the three screws securing the controller board.



AET063S

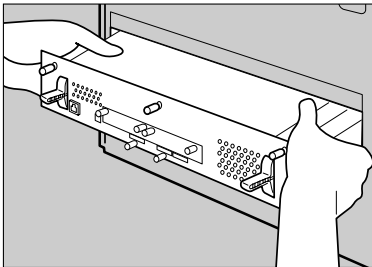
The screws cannot be fully removed.

- 4** Grasp the handles, and then pull the controller board carefully out.



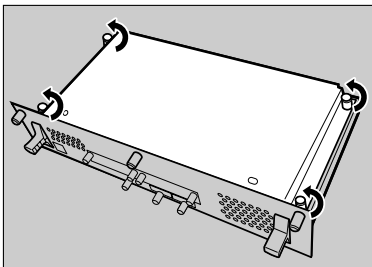
AET064S

Using both hands, slide the controller board completely out.



AET065S

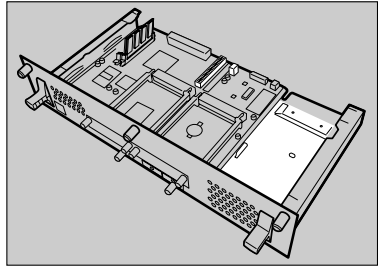
- 5** Place the controller board on a flat surface, and then loosen the four screws to remove the cover.



AET066S

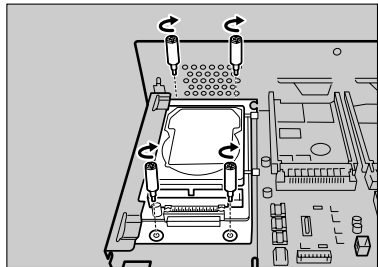
The screws cannot be fully removed.

- 6** You must install the hard disk drive unit as shown.



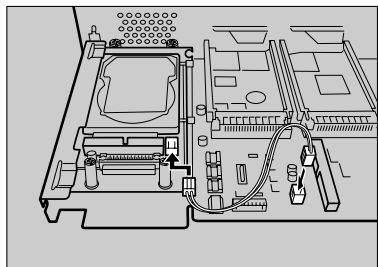
AET069S

- 7** Use the screws supplied with the hard disk drive to secure the unit to the controller board.



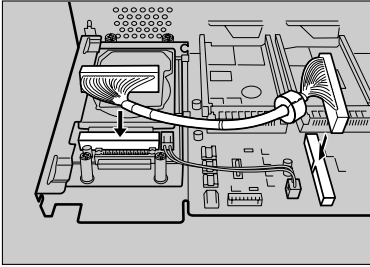
AET067S

- 8** Connect the power cable to the hard disk drive and controller board.



AET068S

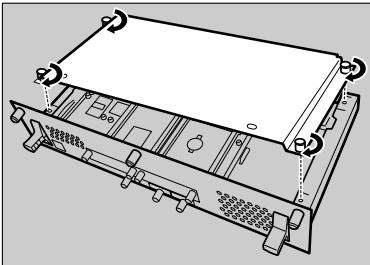
- 9** Connect the flat cable to the hard disk drive and the controller board. Connect the blue end of the flat cable to the controller board.



AKG006S

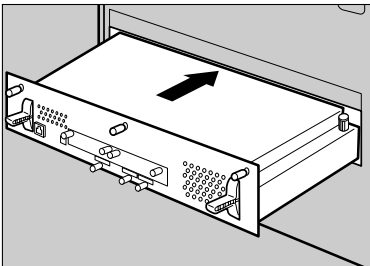
- 10** When installing other options on the controller board, do not close the controller board, but go to the steps for installing the option.

- 11** Fasten the four screws to attach the cover.



AET070S

- 12** Align the controller board with the left and right rails, and then push it carefully in, until it stops.

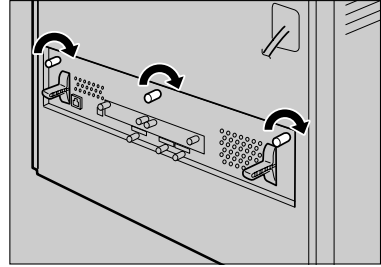


AET071S

Important

- The printer may malfunction if the controller board is not properly installed.

- 13** Fasten the controller board to the printer using the three screws.



AET072S

When the power is turned on, the hard disk drive will be formatted automatically.

Note

- After finishing installation, you can check whether the hard disk drive is properly installed: Print the configuration page from the "List/Test Print" menu. If it is installed properly, you will see "Printer Hard Disk Drive" for "Controller Option".
- If the hard disk drive is not installed properly, reinstall it from step **1**. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see p.30 "Test Printing". Install the controller board carefully. For details, see p.36 "Caution when re-installing the controller board".

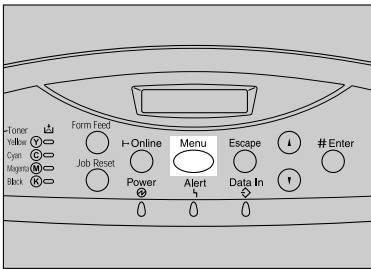
Formatting the Hard Disk Drive

If it becomes necessary to format the hard disk drive after initial setup, execute "HD Format" in the "Maintenance" menu.

Important

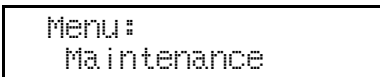
- Formatting the hard disk drive will delete all data.

1 Press the [Menu] key.



"Menu" appears on the display.

2 Press the [▲] or [▼] key to display "Maintenance", and then press the [# Enter] key.



The menu for selecting "Maintenance" items appears.

3 Press the [▲] or [▼] key to display "HD Format", and then press the [# Enter] key.

A check message appears.

Note

- If "HD Format" is not displayed on the display, the hard disk drive is not installed properly. Repeat the procedure from step 1. See p.45 "Attaching Hard Disk Drive Type 4000". If you still cannot install it properly, contact your sales or service representative.

Important

- To avoid malfunction, do not turn off the power while formatting the hard disk drive.

4 Press the [# Enter] key.

The hard disk drive is formatted, and a restart message appears.

5 Turn off the power, and then turn it back on.

The hard disk drive format is completed, and now ready for use.

Attaching IEEE 1394 Interface Board Type B

⚠ CAUTION:

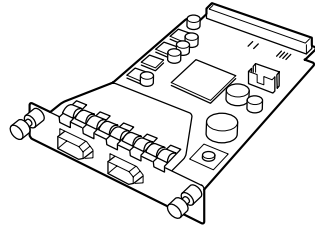
- Do not touch the inside of the controller board compartment. Doing so may cause a malfunction or a burn.

🔥 Important

- ❑ The 1394 interface board uses “IP over 1394” and “SCSI print”. Operating system-compatible connection methods are as follows (IEEE 1394 cannot be used with Windows 95/98 and Windows NT 4.0):
 - Windows Me “IP over 1394”
 - Windows 2000 “SCSI print”
 - Windows XP, Windows Server 2003 “IP over 1394”, “SCSI print”
- ❑ Under Windows 2000, the 1394 interface board can only be used with Service Pack 1 or later. The client cannot install the printer driver without using an account that has administrators access rights.
- ❑ Before touching the 1394 interface board, ground yourself by touching something metal to discharge any static electricity. Static electricity can damage the 1394 interface board.
- ❑ Do not plug or unplug the 1394 interface cable while installing the printer driver.
- ❑ Use the 1394 interface cable that comes with 1394 interface board.

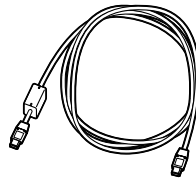
- 1 Check the package contains the following:

- ❖ IEEE 1394 Interface Board Type B



ABT009S1

- ❖ Interface Cable (6 × 6 pins)

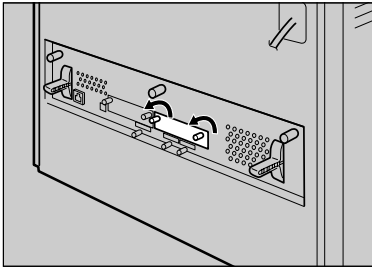


- ❖ Interface Cable (6 × 4 pins)



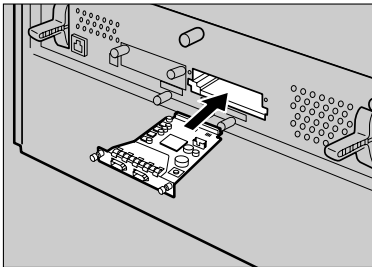
- 2 Turn off the power, and then unplug the power cable.

- 3** Loosen the two screws and remove the cover of the 1394 interface board installation unit.



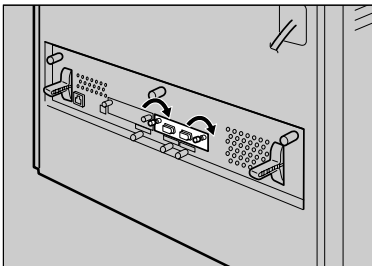
The removed cover is not used when installing the 1394 interface board.

- 4** Fully insert the 1394 interface board.



Make sure that the 1394 interface board is firmly connected to the controller board.

- 5** Tighten the two screws to secure the 1394 interface board.



Note

- ❑ After finishing installation, you can check the 1394 interface board is properly installed: Print the configuration page from the “List/Test Print” menu. If it is installed properly, you will see “IEEE1394” for “Controller Option”.
- ❑ If the 1394 interface board is not installed properly, reinstall it from step 1. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see p.30 “Test Printing”.

Attaching IEEE 802.11b Interface Unit Type H

⚠ CAUTION:

- Do not touch the inside of the controller board compartment. Doing so may cause a machine malfunction or a burn.

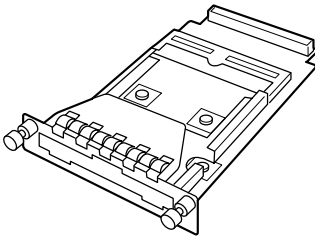
⚡ Important

- ❑ Before touching the 802.11b interface unit, touch something metal to discharge any static electricity. Static electricity can damage the 802.11b interface unit.
- ❑ Do not subject the 802.11b interface unit to physical shocks.

1 Check the contents of the package for the following:

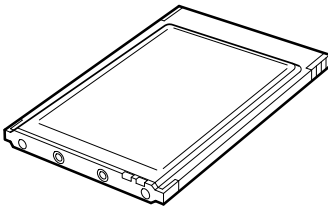
❖ IEEE 802.11b Interface Unit Type H

- Interface Unit



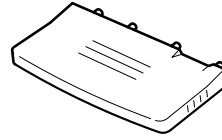
AAL151S

- Card



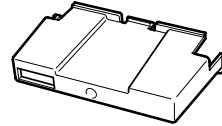
ZHBP420E

- Antenna



ZHBP430E

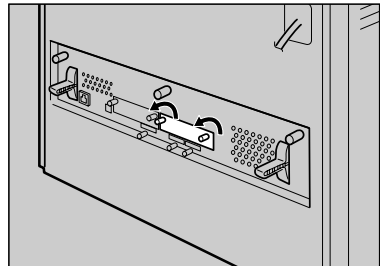
- Antenna Cap



AAL888S

2 Turn off the power, and then unplug the power cable.

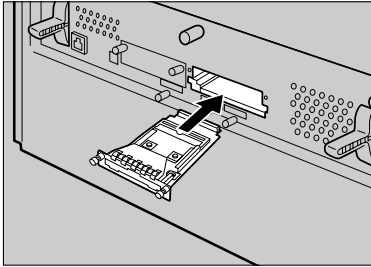
3 Loosen the two screws and remove the cover of the 802.11b interface unit installation unit.



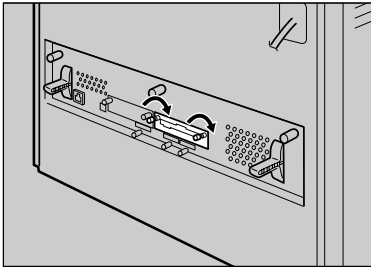
AET091S

The removed cover is not used when installing the interface unit.

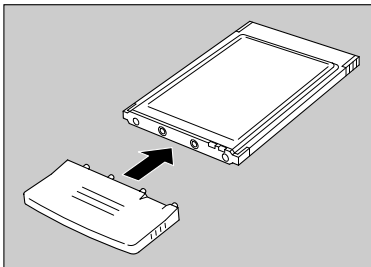
- 4** Fully insert the 802.11b interface unit.



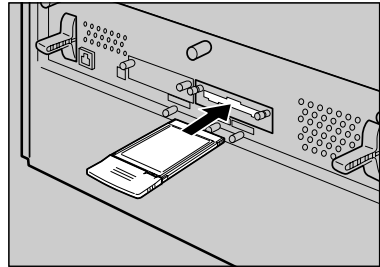
- 5** Tighten the two screws to secure the interface unit.



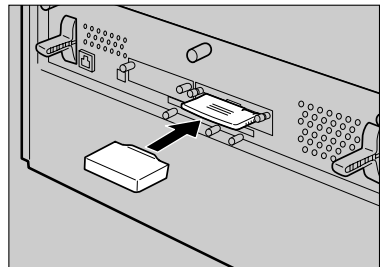
- 6** Attach the antenna to the card with the label facing down and the uneven side of the antenna facing up.



- 7** With the antenna and indented end toward you, slowly insert the interface card until it stops.



- 8** Hold the antenna cap with the cut off corners towards you and fit it over the card.



Note

- After finishing installation, you can check the 802.11b interface unit is properly installed: Print the configuration page from the "List/Test Print" menu. If it is installed properly, you will see "IEEE 802.11b" for "Controller Option".
- If the 802.11b interface unit is not installed properly, reinstall it from step 1. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see p.30 "Test Printing".

Attaching Bluetooth Interface Unit Type 3245

⚠ CAUTION:

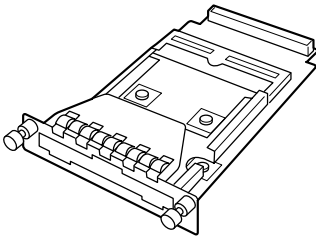
- Do not touch inside the controller board compartment. Doing so may cause a machine malfunction or a burn.

⚡ Important

- ❑ When using the printer with the Bluetooth interface unit installed, Bluetooth needs to be installed on the computer.
- ❑ Before manipulating the Bluetooth interface unit, touch something metal to discharge static electricity. Static electricity may damage the Bluetooth interface unit.
- ❑ Do not subject the Bluetooth interface unit to physical shocks.

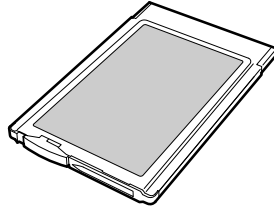
1 Check the contents of the package for the following:

- ❖ Bluetooth Interface Unit Type 3245
 - Interface Unit



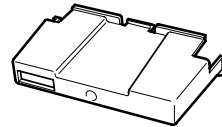
AAL151S

- Card



ZHBP510E

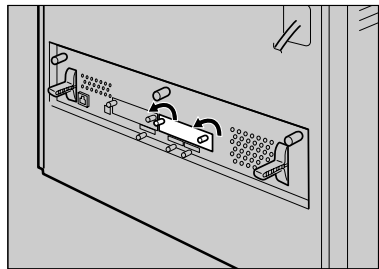
- Antenna Cap



AAL888S

2 Turn off the power, and then unplug the power cable.

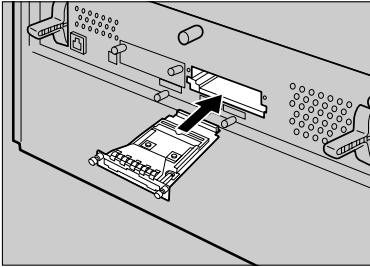
3 Loosen the two screws and remove the cover of the Bluetooth interface unit installation unit.



AET091S

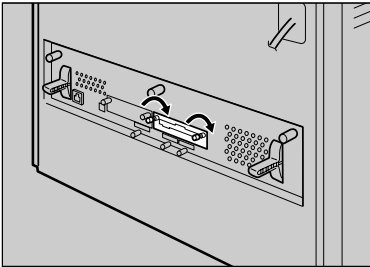
The removed cover is not used when installing the interface unit.

- 4** Fully insert the Bluetooth interface unit.



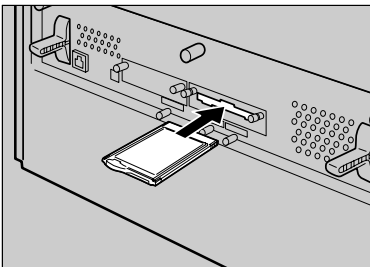
AET094S

- 5** Tighten the two screws to secure the interface unit.



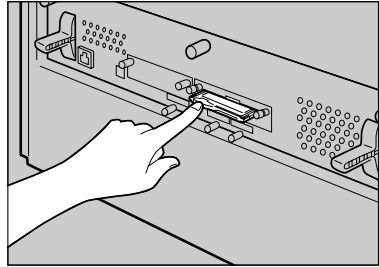
AET095S

- 6** With the "INSERT" side facing you, slowly insert the card into the Bluetooth interface unit until it stops.



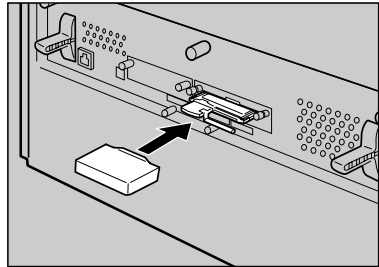
AET099S

- 7** Press the antenna to extend it.



AET100S

- 8** Holding the antenna cap with the two cut-off corners toward you, fit the cap over the card.



AET101S

Note

- After finishing installation, you can check the Bluetooth interface unit is properly installed: Print the configuration page from the "List/Test Print" menu. If it is installed properly, you will see "Bluetooth" for "Controller Option".
- If the Bluetooth interface unit is not installed properly, reinstall it from step **1**. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see p.30 "Test Printing".

Attaching IEEE 1284 Interface Board Type A

⚠ CAUTION:

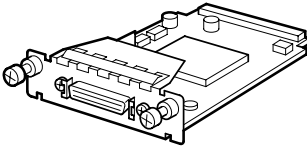
- Do not touch inside the controller board compartment. Doing so may cause a machine malfunction or a burn.

⚡ Important

- ❑ Before manipulating the 1284 interface board, touch something metal to discharge static electricity. Static electricity thing damage the 1284 interface board.
- ❑ Do not subject the 1284 interface board to physical shocks.

1 Check the package contains the following:

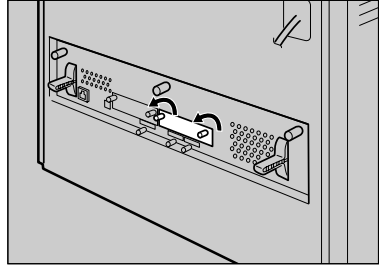
- ❖ IEEE 1284 Interface Board Type A



ABT041S1

2 Turn off the power, and then unplug the power cable.

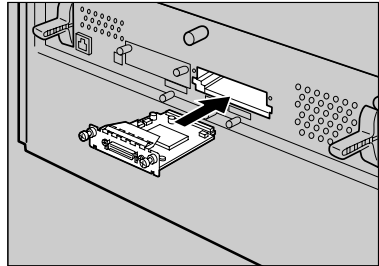
3 Loosen the two screws and remove the cover of the 1284 interface board installation unit.



AET091S

The removed cover is not used when installing the 1284 interface board.

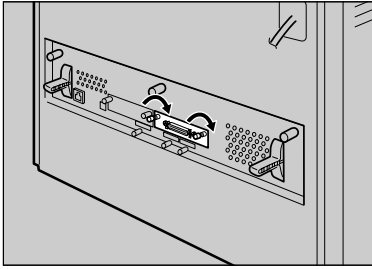
4 Fully insert the 1284 interface board.



AET102S

Confirm that the 1284 interface board is firmly connected to the controller board.

5 Tighten the two screws to secure the 1284 interface board.



3

Note

- Use the supplied adaptor to make the connection with the computer.
- After finishing installation, you can check the 1284 interface board is properly installed: Print the configuration page from the “List/Test Print” menu. If it is installed properly, you will see “Parallel Interface” for “Controller Option”.
- If the 1284 interface board is not installed properly, reinstall it from step **1**. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see p.30 “Test Printing”.

Attaching Network Data Protection Unit Type B

Important

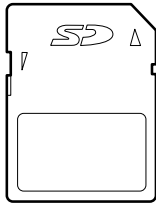
- Protect the network data protection unit from physical shocks.

Note

- Use the centre slot for the data protection unit.

- 1** Check the package contains the following:

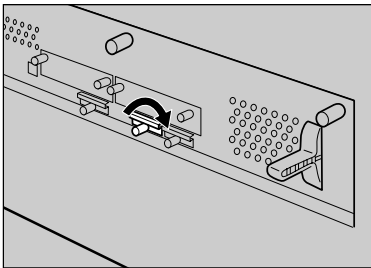
- ❖ Network Data Protection Unit



AET104S

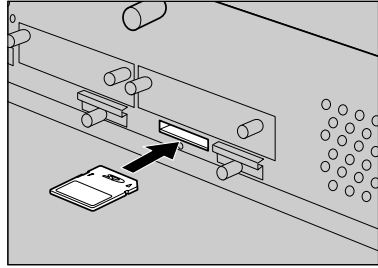
- 2** Turn off the power, and then unplug the power cable.

- 3** Remove the cover the controller board's central expansion card slot.



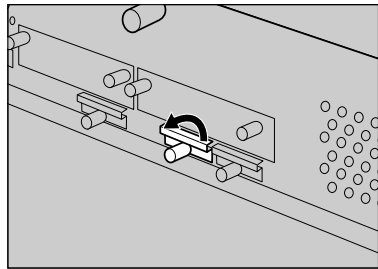
AET105S

- 4** Carefully insert the network data protection unit, until the card clicks into the place.



AET106S

- 5** Reattach the cover over the network data protection unit. Fasten the screw to secure the cover.



AET107S

Note

- Do not touch the network data protection unit while the machine is in use. It may come loose, even if pushed only slightly.

4. Connecting the Printer

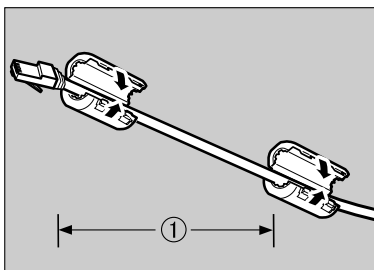
Network Connection

Follow the procedure below to connect the printer to the computer through the network. Prepare the hub and other network devices before connecting the 10 BASE-T or 100 BASE-TX cable to the machine's Ethernet port.

Important

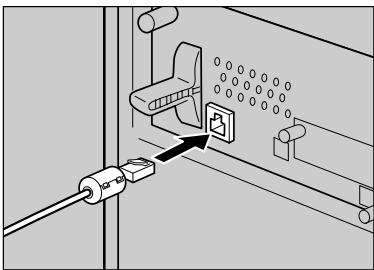
- Use shielded Ethernet cable. Unshielded cables create electromagnetic interference that could cause malfunctions.
- Ethernet cable is not supplied with this machine. Select your cable according to the network environment.

- 1** Attach one ferrite core at the printer end of the Ethernet cable, and then attach the other ferrite core about 10 cm (4 inches) (①) from this core.



AET121S

- 2** Connect the Ethernet cable to the Ethernet port.



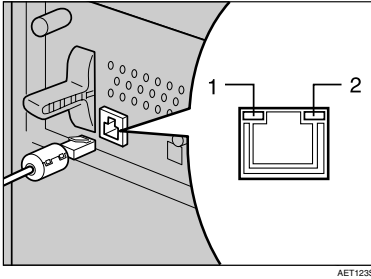
AET122S

- 3** Connect the other end of the cable to the printer's network, such as a hub.

Reference

For details about network environment settings, see Software Guide.

💡 **Reading the LED Lamps**



4

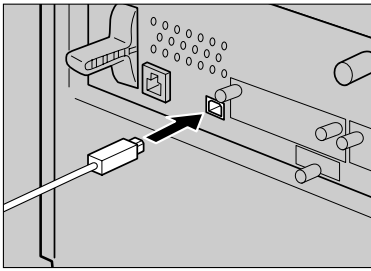
- 1. Yellow: lit when 100BASE-TX is being used. Unlit when 10BASE-T is being used.**
- 2. Green: lit when the printer is properly connected to the network.**

USB Connection

Important

- USB2.0 interface cable is not supplied. Obtain it separately, according to the computer you are using.
- USB connection is possible under Windows 98 SE/Me/2000/XP, Windows Server 2003, Mac OS 9.x, and Mac OS X.
- Windows 98SE/Me supports USB1.1 speeds.
- USB connection with Macintosh is only possible via the printer's USB port.

1 Connect the square-shaped connector of the USB2.0 cable to the USB port.



2 Connect the opposite end's flat connector to devices such as your computer's USB interface, or a USB hub.

Parallel Connection

Important

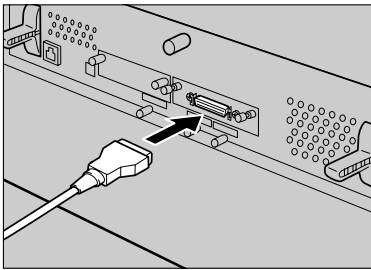
- The parallel interface cable is not provided with the printer.
- The printer's parallel connection is a standard bidirectional interface that requires an IEEE 1284-compliant 36-pin parallel cable and host computer parallel port.
- Use shielded interface cable. Unshielded cables create electromagnetic interference that could cause malfunctions.

1 Turn off the printer and computer.

2 Connect the cable to the interface socket of the IEEE 1284 interface board.

Important

- Voltage rating of the computer's parallel port: DC 5 V (max.)



3 Securely attach the other end of the parallel cable to your computer's parallel port. Secure the cable.

Reference

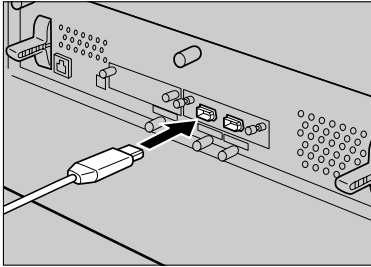
For details about settings for parallel connection printing, see Software Guide.

IEEE 1394 Connection

Important

- Use the 1394 interface cable provided with the 1394 interface board.

1 Connect the interface cable to the 1394 interface board.



2 Connect the other end to the host computer.

Note

- You can use either connector.
- If you have an interface cable with a ferrite core, connect the ferrite core end to the printer.

5. Configuration

Ethernet Configuration

Make the following network settings according to the network interface you are using.

You can use SmartDeviceMonitor for Admin or a Web browser to make IP address-related settings in a TCP/IP-capable environment.

Important

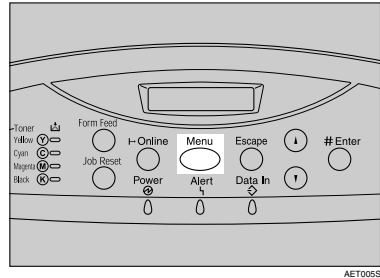
- ❑ Configure the printer for the network using the control panel.
- ❑ The following table shows the control panel settings and their default values. These items appear in the “Host Interface” menu.

Setting Name	Value	
DHCP	On	
IP Address	011.022.033.044	
Subnet Mask	000.000.000.000	
Gateway Address	000.000.000.000	
Frame Type (NW)	Auto	
Active Protocol	TCP/IP	Active
	NetWare	Active
	SMB	Active
	Apple-Talk	Active
Ethernet Speed	Auto	
LAN Type	Ethernet	

Note

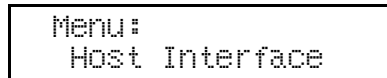
- ❑ If DHCP is in use, the IP address, subnet mask, and gateway address are all set automatically.
- ❑ Make this setting only when it is necessary. See Software Guide.

- 1 Press the [Menu] key.



“Menu” appears on the display.

- 2 Press the [▲] or [▼] key to display “Host Interface” menu, and then press the [# Enter] key.



The interface setting menu appears.

- 3 Press the [▲] or [▼] key to display “Network Setup”, and then press the [# Enter] key.

The network setup menu appears.

- 4 Press the [▲] or [▼] key to display “Active Protocol”, and then press the [# Enter] key.

- 5** Press the [▲] or [▼] key to select **Active Protocol**, and then press the [# Enter] key.

```
Active Protocol:
TCP/IP
```

The following example explains activating TCP/IP.

The “Active/Not Active” selection screen appears.

- 6** Press the [▲] or [▼] key to select “Active” or “Not Active”, and then press the [# Enter] key.

```
TCP/IP:
*Active
```

After the settings are made, about two seconds later, the screen returns to the active protocol menu.

- 7** Set other protocols you need to set in the same way.

- 8** Press the [Escape] key, the screen returns to the network setup menu.

 **Note**

- The default is “Active”.
- Leave unused protocols “Not Active”.
- Enable TCP/IP to use the Pure IP environment of NetWare 5/5.1, NetWare 6/6.5.

- 9** If you use TCP/IP, assign the IP address to the printer. Press the [▲] or [▼] key to display “IP Address”, and then press the [# Enter] key.

The current IP address appears on the display.

To get the IP address for the printer, contact your network administrator.

- 10** Press the [▲] or [▼] key to enter the left most entry field of the IP address, and then press the [# Enter] key.

```
IP Address:
192.022.033.044
```

Press the [# Enter] key, the screen changes, and the next field can then be entered.

 **Note**

- Do not set “011.022.033.044” as the IP address.
- The value moves by 10 if the [▲] or [▼] key is kept pressed.
- When the [# Enter] key is pressed, the cursor moves to the next field.
- To display the previous field, press the [Escape] key.
- Press the [Escape] key when no value is entered and the screen will return to the network setup menu, without the IP address changing.

- 11** Make the other settings in the same way, and then press the [# Enter] key.

```
IP Address:
192.168.000.010
```

After the settings are made, about two seconds later, the screen returns to the network setup menu.

- 12** If you use TCP/IP, assign “Subnet Mask” and “Gateway Address” following the same procedure for entering the IP address.

- 13** When you use this machine in DHCP environment, set DHCP to “On”.

Important

- ❑ When DHCP is “On”, you cannot make settings for the following items:
 - IP Address
 - Subnet Mask
 - Gateway Address

Note

- ❑ Consult your network administrator for information about making network settings.

- 14** Press the [▲] or [▼] key to display “DHCP”, and then press the [# Enter] key.

```
Network Setup:
  DHCP
```

- 15** Press the [▲] or [▼] key to display “On”, and then press the [# Enter] key.

```
DHCP:
*On
```

Note

- ❑ “*” shows the current setting.
- ❑ After about two seconds, the display returns to the network setup menu.

- 16** If you use NetWare, select the frame type for NetWare.

Select one of the items below if necessary.

- Auto (Default)
- Ethernet II
- Ethernet 802.2
- Ethernet 802.3
- Ethernet SNAP

Note

- ❑ Usually, use the default setting (“Auto”). When you first select “Auto”, the frame type detected by the printer is adopted. If your network can use more than two frame types, the printer may fail to select the correct frame type if “Auto” is selected. In this case, select the appropriate frame type.

- 17** Press the [▲] or [▼] key to display “Frame Type (NW)”, and then press the [# Enter] key.

```
Network Setup:
  Frame Type (NW)
```

The current setting appears on the display.

- 18** Press the [▲] or [▼] key to display the frame type you want to use, and then press the [# Enter] key.

```
Frame Type (NW):
*Auto Select
```

After the settings are made, about two seconds later, the screen returns to the network setup menu.

- 19** Press the [Online] key.

“Ready” appears on the display.

- 20** Print a configuration page to confirm the settings made.

Reference

For details about printing the configuration page, see p.30 “Test Printing”.

IEEE 802.11b (Wireless LAN) Configuration

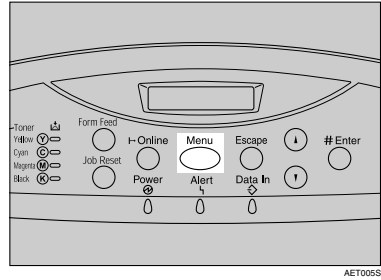
Configure the printer to use IEEE 802.11b (Wireless LAN). The following table shows the control panel settings and their default values. These items appear in the “Host Interface” menu.

Setting Name	Default Value
Comm. Mode	802.11 Ad hoc
Channel	<ul style="list-style-type: none"> Inch version (1-11) 11 Metric version (1-13) 13
Trans. Speed	Auto
SSID	blank (ASSID)
WEP Setting	Not Active

Note

- ❑ To use IEEE 802.11b (Wireless LAN), select “IEEE 802.11b” for “LAN Type” in “Network Setup” in the “Host Interface” menu, and then set “IP Address”, “Subnet Mask”, “Gateway Address”, “DH-CP”, “Frame Type (NW)” and “Active Protocol” under “Network Setup”. For details about setting items under “Configuring the Printer for the Network”, see Software Guide.
- ❑ The 802.11b interface unit cannot be used simultaneously with a standard ethernet interface.
- ❑ In the “SSID” menu, if blank is specified in 802.11b Ad hoc mode or Ad hoc mode, “ASSID” appears.

1 Press the [Menu] key.



“Menu” appears on the display.

2 Press the [▲] or [▼] key to display “Host Interface” menu, and then press the [# Enter] key.



The interface setting menu appears.

3 Press the [▲] or [▼] key to display “IEEE 802.11b”, and then press the [# Enter] key.

The IEEE 802.11b setting menu appears.

4 Press the [▲] or [▼] key to display “Comm. Mode”, and then press the [# Enter] key.

- 5** Press the [▲] or [▼] key to select the transmission mode of IEEE 802.11b, and then press the [# Enter] key.

```
Comm. Mode:
*802.11 Ad hoc
```

After the settings are made, about two seconds later, the screen returns to the IEEE 802.11b setting menu.

 **Note**

- The factory default is “802.11 Ad hoc”.
- To use an IEEE 802.11b card for which the SSID (Network Name) setting is not necessary, select “Ad hoc”.
- The transmission mode of IEEE 802.11b can also be set using a Web browser. For details, see Web browser, and “Configuring the Network Interface Board Using Web Browser”, Software Guide.

- 6** If “802.11 Ad hoc” or “Ad hoc” is selected for “Comm. Mode”, set the channel to use for transmission.

 **Note**

- Confirm the network administrator for the channel to use.

- 7** Press the [▲] or [▼] key to display “Channel”, and then press the [# Enter] key.

The channel currently used appears on the display.

- 8** Press the [▲] or [▼] key to enter the channel, and then press the [# Enter] key.

```
Channel:
(1-13) 13
```

- 9** Set “Trans. Speed” in the same way.

 **Note**

- The factory default is “Auto”. If you need to change the transmitting speed depending on environment you are using, select the appropriate transmitting speed.

- 10** If “Infrastructure” or “802.11 Ad hoc” is selected for “Comm. Mode”, set SSID to use for transmission.

 **Note**

- Confirm the network administrator for SSID to use.
- SSID can also be set using a Web browser. For details, see the Web Image Monitor Help, and “Configuring the Network Interface Board Using Web Browser”, Software Guide.

- 11** Press the [▲] or [▼] key to display “SSID”, and then press the [# Enter] key.

The following message appears on the display.

```
SSID:
View
```

If an SSID has been set, you can check the set SSID. Press the [# Enter] key.

- 12** Press the **[▲]** or **[▼]** key to display “Enter ID”, and then press the **[# Enter]** key.

The following message appears on the display.

```

SSID:      [ 0 ]
  
```

The value in brackets at the upper right is the number of characters entered.

- 13** Press the **[▲]** or **[▼]** key to select characters, and then press the **[# Enter]** key.

```

SSID:      [ 1 ]
A
  
```

You can now enter the next character.

- 14** Continue entering the key.

 **Note**

- The characters that can be used are ASCII 0x20-0x7e (32 bytes).
- To display the previous character, press the **[Escape]** key.

- 15** After entering the key, press the **[# Enter]** key twice.

```

SSID:      [32]
AAAAAAAAAAAAAAAAAAAA
  
```

After the settings are made, about two seconds later, the screen returns to the IEEE 802.11b setting menu.

- 16** In the case of using a WEP key on a network, activate the WEP setting to be used for communication along with WEP.

 **Note**

- Confirm the network administrator for the WEP Key to use.
- WEP key can also be set using a Web browser. For details, see Web Image Monitor Help.

- 17** Press the **[▲]** or **[▼]** key to display “WEP Setting”, and then press the **[# Enter]** key.

The following message appears on the display.

```

WEP Setting:
*Not Active
  
```

- 18** Press the **[▲]** or **[▼]** key to display “Active”, and then press the **[# Enter]** key.

The following message appears on the display.

```

Change WEP Key:
Yes (HEX)
  
```

 **Note**

- When setting the WEP Setting to “Active”, you will need to enter the WEP key. If you have not entered the key, be sure to enter it.
- If you have entered the WEP key and change the setting, press the **[▲]** or **[▼]** key to display “No”, and then press the **[# Enter]** key.

- 19 Press the [▲] or [▼] key to display “Yes (HEX)” when inputting a hexadecimal WEP key or “Yes (ASCII)” when inputting an ASCII WEP key. Then press the [# Enter] key.

```
WEP Key:      [ 0]
█
```

The value in brackets at the upper right is the number of characters entered.

- 20 Press the [▲] or [▼] key to select characters, and then press the [# Enter] key.

```
WEP Key:      [ 1]
*█
```

You can now enter the next character.

```
WEP Key:      [ 2]
**█
```

Continue entering the key.

Note

- When using 64 bit WEP, up to 10 characters can be used for hexadecimal and up to five characters for ASCII. When using 128 bit WEP, up to 26 characters can be used for hexadecimal and up to 13 characters for ASCII.

- The number of characters that can be entered is limited to 10 or 26 for hexadecimal and 5 or 13 for ASCII. If you try to enter too many characters, the following message appears:
 - hexadecimal

```
Error: Enter 10
or 26 characters
```

- ASCII

```
Error: Enter 5
or 13 characters
```

- For ASCII character strings, each capital letter and lowercase letter is recognized respectively.
- To display the previous character, press the [Escape] key.

- 21 After entering the key, press the [# Enter] key.

```
WEP Key:      [26]
*****A
```

After the settings are made, about two seconds later, the screen returns to the IEEE 802.11b setting menu.

- 22 Press the [Online] key.

“Ready” appears on the display.

- 23 Print a configuration page to confirm the settings made.

Reference

For details about printing the configuration page, see p.30 “Test Printing”.

IEEE 1394 Configuration

Use this procedure to configure the printer for use in an IEEE 1394 environment. The following table shows the control panel settings and their default values. These items appear in the “Host Interface” menu.

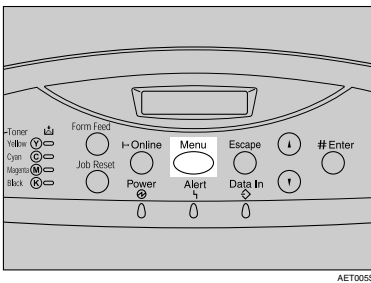
Setting Name	Value
DHCP	On
IP Address1394	011.022.033.044
Subnet Mask1394	000.000.000.000
IP over 1394	Active
SCSI print	Active
Bidi-SCSI print	Active

Note

- If DHCP is in use, “IP Address1394” and “Subnet Mask1394” are automatically set.

IP over 1394

- 1 Press the [Menu] key.



“Menu” appears on the display.

- 2 Press the [▲] or [▼] key to display “Host Interface” menu, and then press the [# Enter] key.



The interface setting menu appears.

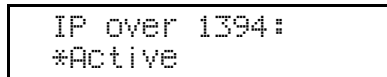
- 3 Press the [▲] or [▼] key to display “IEEE 1394 Setup”, and then press the [# Enter] key.

The IEEE 1394 setting menu appears.

- 4 Press the [▲] or [▼] key to display “IP over 1394”, and then press the [# Enter] key.

The IP over 1394 setting menu appears.

- 5 Press the [▲] or [▼] key to select either “Active” or “Not Active”, and then press the [# Enter] key.



After the settings are made, about two seconds later, the screen returns to the IEEE 1394 setting menu.

- 6 Assign the IP address to the printer. Press the [▲] or [▼] key to display “IP Address1394”, and then press the [# Enter] key.

The current IP address appears on the display.

Note

- ❑ Do not set the same IP address as that used for the Ethernet network settings or in the same subnet. Also, do not specify the same subnet mask.
- ❑ Do not set “011.022.033.044” as the IP address.
- ❑ To get the IP address for the printer, contact your network administrator.

- 7** Press the [**▲**] or [**▼**] key to enter the left most entry field of the IP address, and then press the [**# Enter**] key.

```
IP Address1394:
19▣.022.033.044
```

The pointer (▣) moves to the next entry field automatically.

```
IP Address1394:
192.02▣.033.044
```

Note

- ❑ The value moves by 10 if the [**▲**] or [**▼**] key is kept pressed.
- ❑ You can return the pointer (▣) to the previous (left) entry field by pressing the [**Escape**] key.
- ❑ If you press the [**Escape**] key when the pointer (▣) is on the leftmost position, the selected IP address is reset.

- 8** Set other fields similarly, and then press the [**# Enter**] key.

The settings are made and after about two seconds, the screen returns to the IEEE 1394 setting menu.

- 9** Set “Subnet Mask1394” in the same way.

- 10** Press the [**Online**] key.

“Ready” appears on the display.

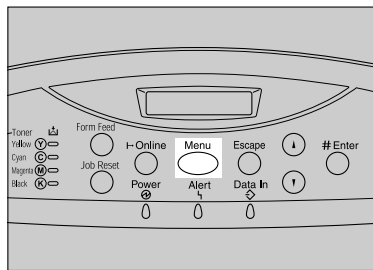
- 11** Print a configuration page to confirm the settings made.

Reference

For printing the configuration page, see “Printing a Configuration Page”, Software Guide.

SCSI print

- 1** Press the [**Menu**] key.



“Menu” appears on the display.

- 2** Press the [**▲**] or [**▼**] key to display “Host Interface” menu, and then press the [**# Enter**] key.

```
Menu:
Host Interface
```

The interface setting menu appears.

- 3** Press the [**▲**] or [**▼**] key to display “IEEE 1394 Setup”, and then press the [**# Enter**] key.

The IEEE 1394 setting menu appears.

4 Set “SCSI print” and “Bidi-SCSI print” if necessary.

 **Note**

The default setting is “Active”.

5 Press the [▲] or [▼] key to display “SCSI print”, and the press the [# Enter] key.

6 Press the [▲] or [▼] key to select either “Active” or “Not Active”, and then press the [# Enter] key.

```
SCSI Print#
*Active
```

5

After the settings are made, about two seconds later, the screen returns to the IEEE 1394 setting menu.

7 Set “Bidi-SCSI print” in the same way.

8 Press the [Online] key.

“Ready” appears on the display.

9 Print a configuration page to confirm the settings made.

 **Reference**

For details about printing the configuration page, see p.30 “Test Printing”.

6. Installing the Printer Driver

Quick Install

Windows 95/98/Me, Windows 2000/XP, Windows Server 2003, and Windows NT 4.0 users can easily install this software using the CD-ROM provided.

Using Quick Install, the PCL printer driver and/or RPCS printer driver and SmartDeviceMonitor for Client is installed under network environment, and TCP/IP port will be set.

Important

- To install printer driver under Windows 2000/XP Professional, Windows Server 2003, and Windows NT 4.0, you must have an account that has Manage Printers permission. Log on as an Administrator.
- The Quick Install is not available when using this printer under USB connection. If you connect using USB, see Software Guide.

1 Quit all applications currently running.

2 Insert the CD-ROM into the CD-ROM drive.

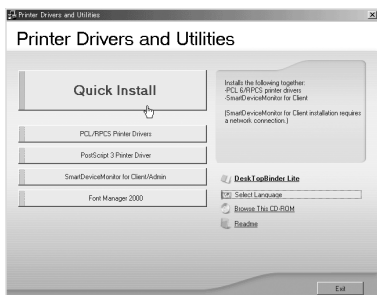
The installer starts.

Auto Run may not work with certain operating system settings. If this happens, launch “Setup.exe” on the CD-ROM root directory.

3 Select an interface language, and then click [OK].

The default interface language is English.

4 Click [Quick Install].



The software license agreement appears in the [License Agreement] dialog box.

5 After reading the agreement, click [I accept the agreement], and then click [Next].

6 Select the printer model you want to use in the **[Select Printer]** dialog box.

 **Note**

- For network connection via TCP/IP, select the printer whose IP address is displayed in **[Connect To]**.
- For parallel connection, select the printer whose printer port is displayed in **[Connect To]**.

7 Click **[Install]**.

The printer driver installation starts.

8 Click **[Finish]**

A message about restarting the computer may appear. Restart the computer to complete installation.

9 Click **[Exit]** in the first dialog box of the installer, and then take out the CD-ROM.

 **Note**

- To stop installation of the selected software, click **[Cancel]** before installation is complete. Restart the computer, and then reinstall the other software or printer drivers.
- Auto Run may not work with certain operating system settings. If this happens, launch "Setup.exe" on the CD-ROM root directory.
- Select a printer to whose IP address is displayed in **[Connect To]** to install SmartDeviceMonitor for Client when using TCP/IP.

 **Reference**

Quick Install is not available unless bidirectional communication between the printer and computer is enabled via parallel connection. See "Install SmartDeviceMonitor for Client from the CD-ROM provided.", Software Guide, for details about bidirectional communication between printer and computer.

Install the Operating Instructions

The CD-ROM “Display-Version Manuals (HTML)” provided with the printer contains an HTML Operating Instructions Manual in HTML version. Follow the above instructions to install it.

Important

System Requirements :

- Windows 95/98/Me, Windows 2000/XP, Windows Server 2003 or Windows NT4.0.
- 800 x 600 or higher monitor resolution.

Web Browsers :

- Microsoft Internet Explorer 4.01 SP2 or later.
- Netscape 6.2 or later.

If you are using Internet Explorer 3.02 or earlier, or Netscape Navigator 4.05 or earlier as your Web browser, a simpler version of the Operating Instructions Manual is displayed.

1 Quit all applications currently running.

2 Insert the CD-ROM “Display-Version Manuals (HTML)” into the CD-ROM drive.

The installer starts.

Auto Run may not work under certain operating system setting. If this is the case, launch “Setup.exe” on the CD-ROM root directory.

3 Select an interface language, and then click [OK].

4 Click [Install manuals].

5 Follow the instructions on the screen to complete the installation.

6 Click [Finish] when the installation is completed.

7 Click [Exit].

Note

Auto Run may not work under certain operating system setting. If this is the case, copy all datas on the CD-ROM root directory to your hard disk drive, and then launch “Setup.exe” to start the installation.

To uninstall the Operating Instructions Manual, select [Programs] in the [Start] menu, select your printer driver, and then click [uninstall]. You can uninstall each Manual Guide separately.

If you are using an incompatible Web browser and the simpler version of the Operating Instructions Manual does not correctly display correctly, open folder “MANUAL\R_MANUAL\ (language) \ (SETUP or MAINTENANCE or SOFTWARE) \unv\” on the CD-ROM “Display-Version Manuals (HTML)”. Double-click on “index.htm

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MEMO

MEMO

MEMO

In accordance with IEC 60417, this machine uses the following symbols for the main power switch:

I means **POWER ON**.

○ means **POWER OFF**.

⏻ means **STAND BY**.

In accordance with IEC 60417, this machine uses the following symbols for the main power switch:

I means **POWER ON**.

○ means **POWER OFF**.



Declaration of Conformity

“The Product complies with the requirements of the EMC Directive 89/336/EEC and its amending directives and the Low Voltage Directive 73/23/EEC and its amending directives.”



Declaration of Conformity

Notice to Users in EEA Countries

IEEE 802.11b Interface Unit Type H (R-WL11B):

This product complies with the essential requirements and provisions of Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.

The CE Declaration of Conformity is available on the Internet at URL:

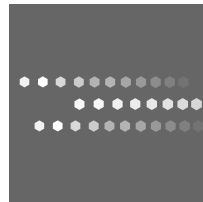
http://www.rioh.co.jp/fax/ce_doc/.

Outdoor use of this product is prohibited in France and Italy.



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