

# QUICK INSTALLATION GUIDE <G130-7523A>

Please read the Safety Information in the "Setup Guide" before using this machine. It contains important information related to USER SAFETY and PREVENTING EQUIPMENT PROBLEMS.

## 1

### WHERE TO PUT THE PRINTER

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

#### Warning

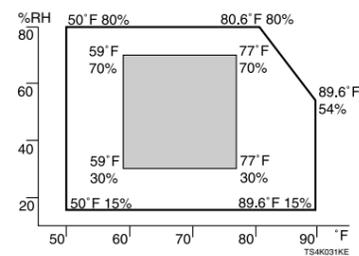
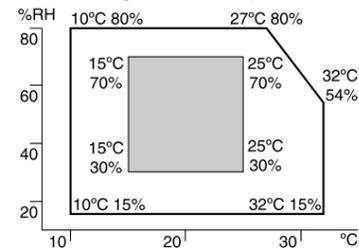
- Confirm the wall outlet is near the machine and freely accessible, so that in the event of emergency, it can be unplugged easily.
- Only connect the machine to the power source described on this manual.
- Avoid multi-wiring.
- Do not damage, break or make any modifications to the power cord. Do not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

#### 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.

### Optimum Environmental Conditions

Recommended temperature and humidity



Legend:  Possible operation range  Recommended range

The machine must be level within 5 mm (0.2 inch) both front to rear and left to right.

To avoid possible build-up of ozone, place this printer in a large well ventilated room that has an air turnover of more than 30 m<sup>3</sup> (183 cubic inch)/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.

### 2 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

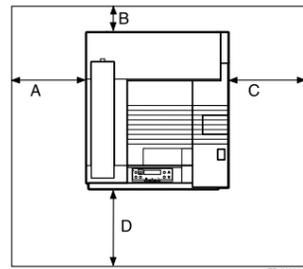
### 3 Power Connection

Connect the power cord to a power source with the following specifications:

- Basic model printer:**  
220-240 V, 50/60 Hz, 6 A or more
- Duplex unit standard model printer:**  
220-240 V, 50/60 Hz, 7 A or more

### 4 Space Required for Installing the Printer

Leave enough space around the printer. This space is necessary to operate the printer. The recommended (or minimum) space requirement is 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

## 2

### UNPACKING THE PRINTER AND CHECKING THE CONTENTS OF THE BOX

#### Caution

- When lifting the machine, use the inset grips on both sides. The printer could break or cause an injury if dropped.
- Place no objects on the front cover.

Check the contents of the box according to the following list. If one or some items are missing, Contact your sales or service representative.

#### Important

- This package does not include an interface cable. Purchase one for use with your host computer. See "Appendix", *Maintenance Guide*.

- Quick Installation Guide (This manual)
- CD-ROM "Printer Drivers and Utilities"
- CD-ROM "Display-Version Manuals (HTML)"
- CD-ROM "Print-Version Manuals (PDF)"
- CD-ROM "Document Management Utility"
- External Tray
- Power Cable
- Toner Cartridge (Black)
- Toner Cartridge (Yellow)
- Toner Cartridge (Cyan)
- Toner Cartridge (Magenta)
- Ferrite Core
- Paper Guide
- Paper Guide Cover
- Paper Guide Holder
- Paper Feed Unit Labels
- Color Calibration Sample Sheet
- Additional Documentation

#### Note

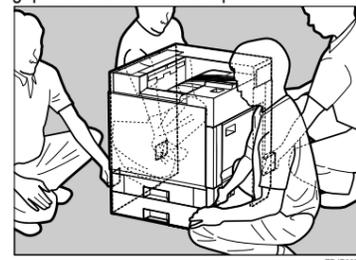
- Paper guide, Paper guide cover and Paper guide holder are supplied with the duplex unit standard model.

Remove the plastic bag.

#### Note

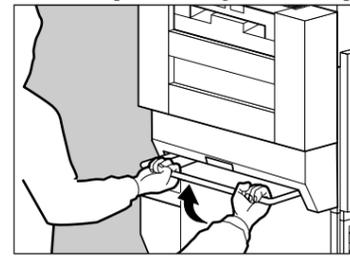
- Basic model printer weighs approximately 83.3 kg (183.7 lb.), duplex unit standard model printer weighs approximately 92.5 kg (203 lb.).

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

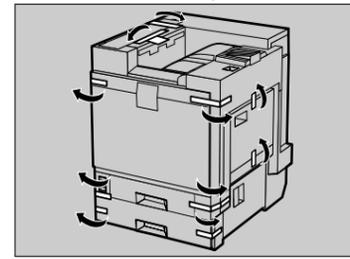


#### Important

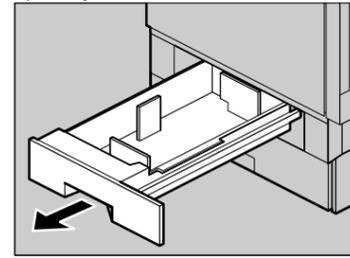
- To move the printer, four people should hold the handles located on the sides.
- Leave the tape holding the paper feed tray and cover in place while moving the printer.
- Lower the machine slowly and carefully to prevent trapping your hands.
- When moving the duplex unit standard model, pull up the bar of the lifting handle, located on the left side of the printer. Holding the bar, lift the printer.



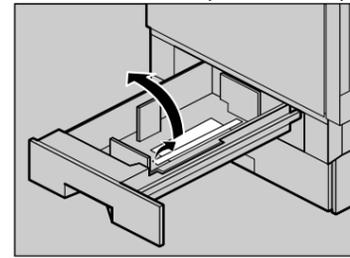
Remove the adhesive tape from the printer body. Remove the cardboard taped to the standard tray.



Open tray 1.

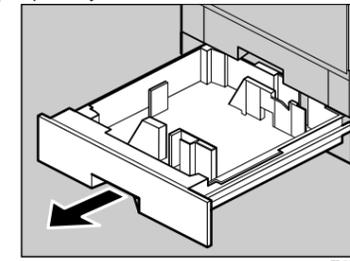


Remove the adhesive tape and sheet of paper.

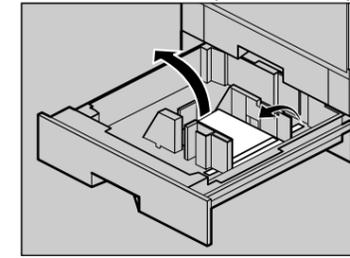


Close tray 1 slowly.

Open tray 2.

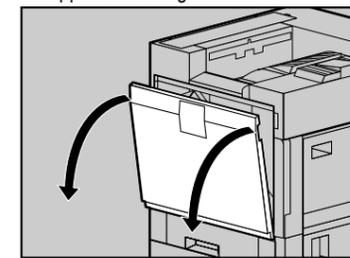


Remove the adhesive tape and sheet of paper.



Close tray 2 slowly.

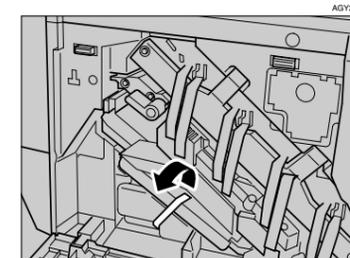
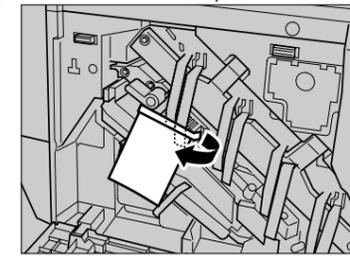
Open the front cover slowly by pulling down using the upper left and right sides.



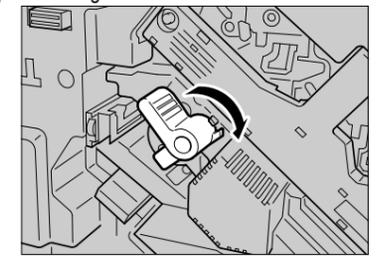
#### Important

- Do not place objects on the opened front cover.

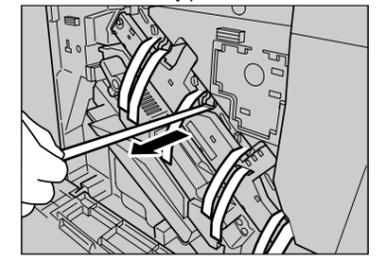
Remove the adhesive tape.



Turn the green lever clockwise.



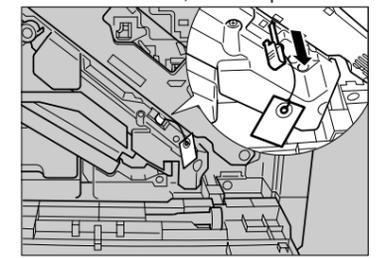
Hold down the printer's inner cover, grasp the pieces of tape protruding from the development unit, and then slowly pull them out horizontally.



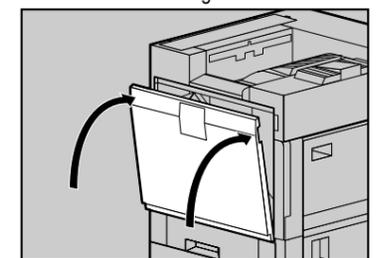
#### Important

- Be sure to pull out all four pieces of tape to avoid printer malfunction during operation.
- The removed tape is dirty. Be careful not to let it touch your hands or clothes.

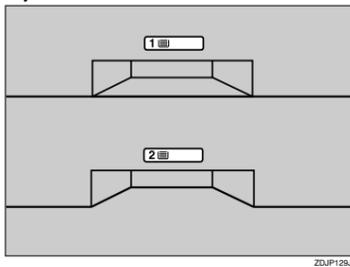
Remove the securing pin, as shown, from the transfer unit. Pinch it, and then pull it out.



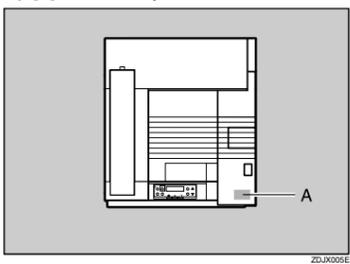
Close the front cover slowly by pushing the two areas on the left and right.



- 17 Put labels "1" and "2" on the front of the paper trays.

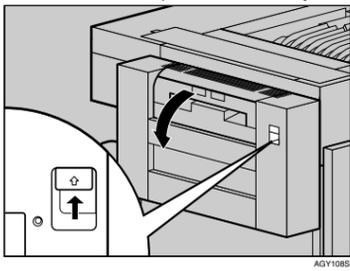


- 18 A sticker, stating that paper for an ink-jet printer cannot be used with this printer, is supplied. Attach this to the near right corner of the printer's top [A], so it is easy to see.

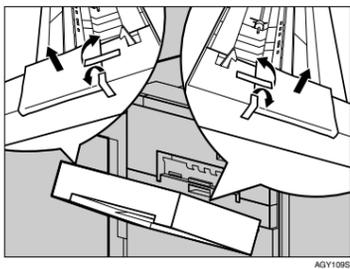


(For the duplex unit standard model, the following procedure is also necessary:)

- 19 Remove the protective sheet from inside the duplex reversal unit (printing unit). Push the lock/unlock button and open the unit slowly.

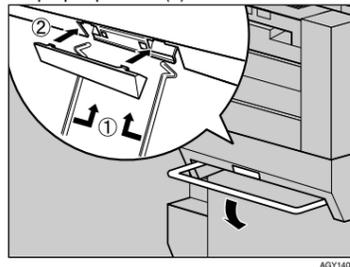


- 20 Remove the adhesive tape and the protective sheet.



- 21 Close the duplex reversal unit.

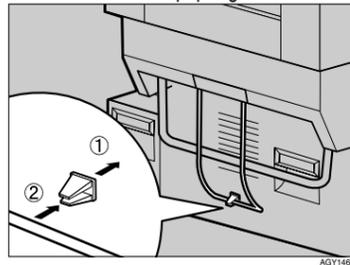
- 22 Attach the paper guide to the duplex reversal unit stand. Hold both sides of the guide carefully and insert the ends of the guide into the holes of the stand (1). Then fit the paper guide cover in the proper position (2).



**Note**

- Before attaching the paper guide, you must lower the bar of the lifting handle.

- 23 Secure the attached paper guide.



# 3

## INSTALLING 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.
- 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.

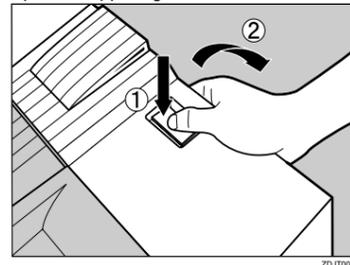
**Important**

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

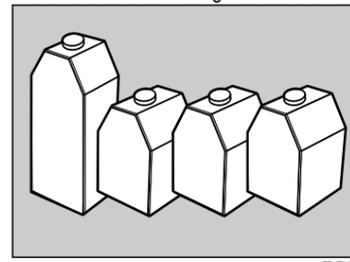
**Note**

- The toner cartridges that comes with the printer will allow you to print up to about 12,000 pages in black, and about 5,000 pages in color. These numbers were obtained from printing A4 3% charts, but the actual number of pages will differ depending on the paper type, size, contents and settings.
- 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.
- Our products are engineered to meet the highest standards of quality and functionality. When purchasing expendable supplies, we recommend using only those provided by an authorized dealer.

- 1 Open the upper right cover.



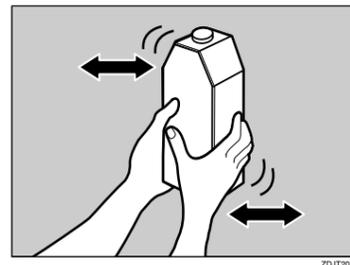
- 2 Take out the toner cartridges from the box.



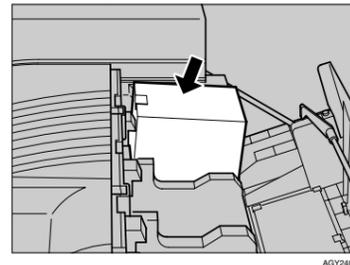
**Note**

- The black (K) toner cartridge contains more toner than the others.

- 3 Shake the toner cartridge back and forth five or six times.



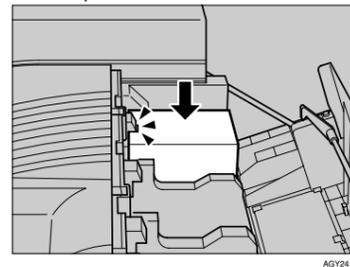
- 4 Holding the toner cartridge with the metal contact area in front, insert in the direction of the arrow.



**Important**

- Be careful not to touch the metal contact point with your fingers.

- 5 Insert the toner cartridge slowly, until the green hook snaps on the metal contact area.



**Important**

- Do not insert and remove toner cartridges repeatedly, as this could result in toner leakage.

- 6 Use the same procedure to insert the remaining three toner cartridges.

- 7 Close the upper right cover.

**Important**

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

# 4

## LOADING PAPER

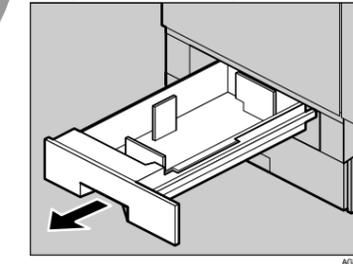
**Caution**

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

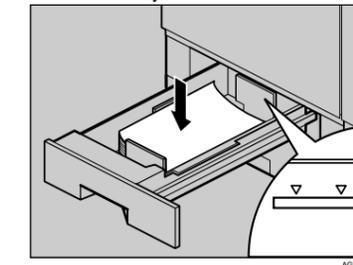
**Important**

- Tray 1 is for A4 size paper only. Load only A4 size paper.
- Do not mix different types of paper in a single paper tray.

- 1 Slowly slide the paper tray out, until it stops.



- 2 Align all four sides of the paper stack, and then load it in the tray.



**Important**

- To avoid paper jams, make sure paper is not stacked above the limit mark inside the tray. Misfeeds might occur.

- 3 Slowly slide the paper tray back, until it stops.

**Reference**

- For details about size and feed orientation of paper that can be loaded in the tray, see "Paper and Other Media", *Maintenance Guide*.
- For details about loading paper in the bypass tray, see "Loading Paper in the Bypass Tray", *Maintenance Guide*.

Go to sheet 2/2.

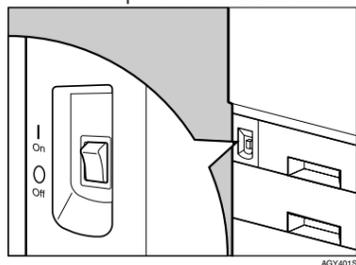
# 5

## TURNING THE POWER ON

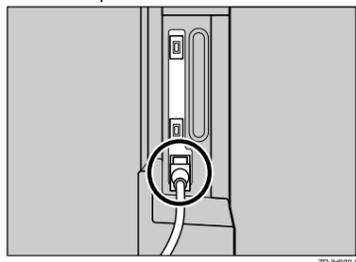
### Warning

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

1 Make sure the power switch is set to off.



2 Connect the power cable to the connector on the back of the printer.

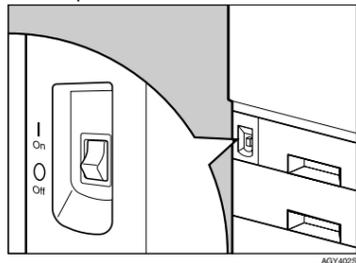


3 Plug in the power cable.

### 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.

4 Turn the power switch to 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 malfunction.

# 6

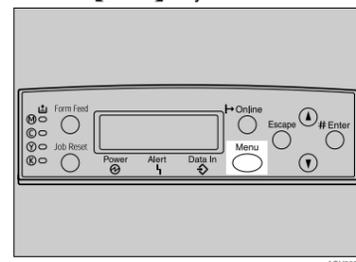
## SELECTING THE PANEL DISPLAY LANGUAGE

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

- You can select one of the following languages: English, German, French, Italian, Dutch, Swedish, Norwegian, Danish, Spanish, Finnish, Portuguese, Czech, Polish or Hungarian.
- The default setting is English.

1 Press the [Menu] key.



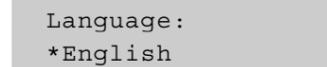
The [Menu] screen appears on the display.

2 Press the [▲] or [▼] key to display "Language".



3 Press the [# Enter] key.

The following message appears on the display.

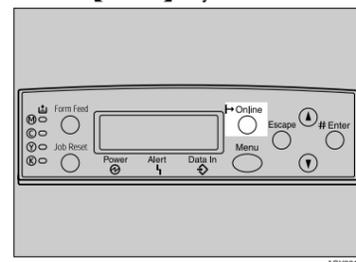


4 Press the [▲] or [▼] key until the language you want to select appears.

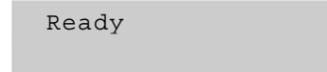
5 Press the [# Enter] key. Wait for two seconds.

The [Menu] screen appears on the display.

6 Press the [Online] key.



The initial screen appears.

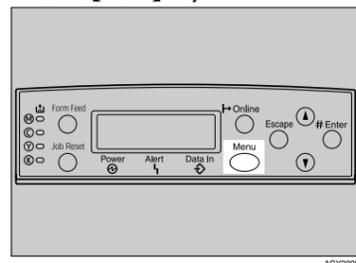


# 7

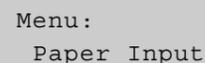
## TEST PRINTING

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.



The [Menu] screen appears on the display.

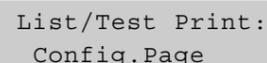


2 Press the [▲] or [▼] key to display "List/Test Print", and then press the [# Enter] key.

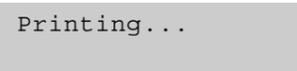


The menu for selecting the contents to be test printed appears.

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



The following message appears and the configuration page is printed.

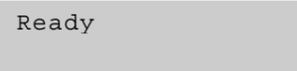


### Note

- 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*.
- For details about the configuration page, see "Interpreting the Configuration Page", *Software Guide*.

5 Press the [Online] key.

The initial screen appears.



# 8

## CONNECTING THE PRINTER TO A COMPUTER

### Network Connection

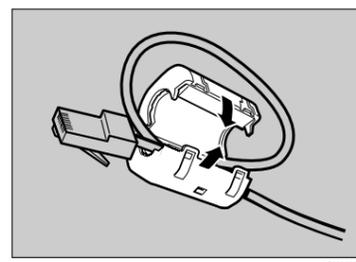
Follow the procedure below to connect the printer to the computer through the network. Prepare the hub and other network devices before connecting the 10BASE-T or 100BASE-TX cable to the machine's ethernet port.

Alternatively, the optional gigabit ethernet board, which supports 1000BASE-T, is available.

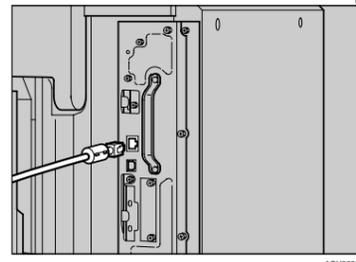
### Important

- 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.

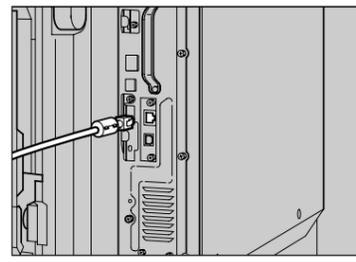
1 A core for the ethernet cable is supplied with this machine. Make a loop at the end of the ethernet cable.



2 Connect the ethernet cable to the ethernet port.



3 If the gigabit ethernet board is attached, connect the ethernet cable to the board.



### Note

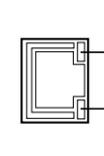
- The printer's ethernet and USB ports are not available when the gigabit ethernet board is attached to the printer.

### Reference

- For details about attaching the gigabit ethernet board, see "Attaching Gigabit Ethernet Type 7300", *Setup Guide*.

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

5 Confirm the LEDs on the Ethernet port.



For standard ethernet port

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.

For gigabit ethernet board

① Green: lit when 10BASE-T is being used.

② Yellow: lit when 100BASE-TX is being used.

Green and Yellow: lit when 1000BASE-T is being used.

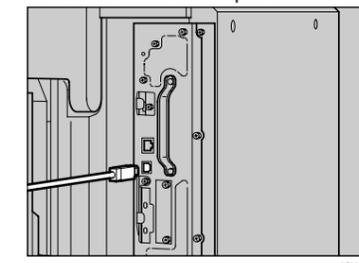
6 Go to 9 "CONFIGURING THE PRINTER FOR THE NETWORK".

### USB Connection

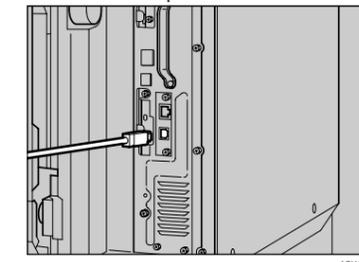
### Important

- 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 X v10.3.3 or higher.
- Windows 98SE/Me supports USB1.1 speeds.
- Mac OS supports only the standard USB port.

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



2 If the gigabit ethernet board is attached, connect the square-shaped connector of the USB2.0 cable to the USB port of the board.



### Note

- The printer's ethernet and USB ports are not available when the gigabit ethernet board is attached to the printer.

### Reference

- For details about attaching the gigabit ethernet board, see "Attaching Gigabit Ethernet Type 7300", *Setup Guide*.

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

### Reference

- For details about settings for USB connection printing, see *Software Guide*.

4 Go to 10 "INSTALLING THE PRINTER DRIVER".

### Parallel Connection

### Important

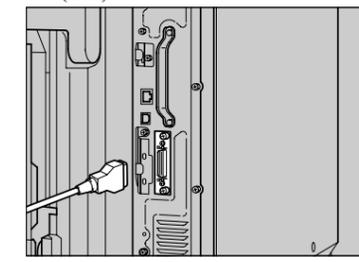
- The parallel interface cable is not provided with the printer.
- The printer's parallel connection is a standard bidirectional interface that requires an IEEE 1284-compliant 36-pin parallel cable and host computer parallel port.
- Use shielded interface cable. Unshielded cables create electromagnetic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

1 Turn off the printer and computer.

2 Connect the cable to the interface connector 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*.

4 Go to 10 "INSTALLING THE PRINTER DRIVER".

# 9

## CONFIGURING THE PRINTER FOR THE NETWORK

You must configure the printer setting using the control panel when using in a network environment. The following list is the items you can set and their default settings.

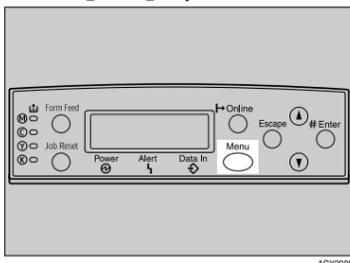
DHCP	On
IP Address	011.022.033.044
Subnet Mask	000.000.000.000
Gateway Address	000.000.000.000
Frame Type (NW)	Auto Select
Active Protocol	TCP/IP, NetWare, SMB, AppleTalk
Ethernet Speed	Auto Select
LAN Type	Ethernet

### Note

- If DHCP is in use, "IP Address", "Subnet Mask", and "Gateway Address" are all set automatically.
- Make this setting only when it is necessary. See *Software Guide*.

The procedure below shows how to set the TCP/IP protocol. Make the settings for the other items by taking the same procedure.

- 1 Press the [Menu] key.



The [Menu] screen appears on the display.

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

Menu:  
Host Interface

The interface setting menu appears.

- 3 Start the protocol for use.

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

Host Interface:  
Network Setup

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

Network Setup:  
Active Protocol

- 3 Press the [▲] or [▼] key to display "TCP/IP", and then press the [# Enter] key.

Active Protocol:  
TCP/IP

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

TCP/IP:  
\*Active

### Note

- \* shows the current setting.
- In about two seconds, the display returns to the "Active Protocol" setting screen.

- 5 Set the rest of the protocols for use.

- 6 When all settings for the protocol are done, press the [Escape] key.

The "Network Setup" setting screen appears.

### Note

- The default settings for all of the protocols are "Active".
- It is recommended to set the unused protocols "Not Active".

- 4 When you use this machine under DHCP environment, go to step 9. When you use this machine with a fixed IP address, you must make the setting for the required item after making the setting for DHCP Off. Go to step 5.

### Important

- When DHCP is On, you cannot make the setting for the following menus:

IP Address  
Subnet Mask  
Gateway Address

### Note

- Consult the network administrator for information about how to make the setting for the network.

- 5 Make the setting for DHCP Off.

- 1 Press [▲] or [▼] to display "DHCP", and then press [# Enter].

Network Setup:  
DHCP

- 2 Press [▲] or [▼] to display "Off", and then press [# Enter].

DHCP:  
\*Off

### Note

- \* shows the current setting.

In about two seconds, the display returns to the "Network Setup" setting screen.

- 6 Set the IP address for the printer.

### Note

- Confirm the IP address to the network administrator.

- 1 Press the [▲] or [▼] key to display "IP Address", and then press the [# Enter] key.

Network Setup:  
IP Address

The currently selected IP address appears.

### Note

- When the [# Enter] key is pressed, the cursor moves to the next field.
- When the [▲] or [▼] key is kept pressed for a few seconds, the value changes by 10.

- 2 Press the [▲] or [▼] key to set the value for the field.

IP Address:  
199.022.033.044

- 3 Press the [# Enter] key.

The cursor moves to the next field.

- 4 Repeat 2 and 3 to set the value for the rest of the fields.

- 7 Set "Subnet Mask" and "Gateway Address" by following the same procedure for setting the IP address.

### Important

- The subnet mask is the mask value to use a part of the IP address as a network address. Confirm the value to the network administrator.

- The gateway address is the address of the host or router that acts as a gateway when interacting with work stations in another network. Confirm the value to the network administrator.

### Note

- If you are not sure of the setting addresses, leave them as default.

- 8 When all of the settings are done, press the [Online] key.

"Ready" appears on the panel display.

Ready

- 9 Print the configuration page to confirm the settings made.

See 7 "TEST PRINTING" for printing the configuration page.

# 10

## INSTALLING THE PRINTER DRIVER

You can install the printer drivers and software easily from the CD-ROM labeled "Printer Drivers and Utilities".

Click [Quick Install] in the window of the CD-ROM to install PCL and RPCS printer drivers. To install the PostScript 3 printer driver, click the [PostScript 3 Printer Driver] button. For more information about the PostScript 3 printer driver, see *Software Guide* on the CD-ROM labeled "Display-Version Manuals (HTML)" or "Print-Version Manuals (PDF)" depending on the environment you use in.

When the TCP/IP protocol is used, SmartDevice Monitor for Client will be installed as well.

When using with TCP/IP protocol, confirm the followings:

- The printer is connected to a network with the network interface cable.
- The TCP/IP protocol is set.
- The IP address is set for the printer and the computer.

### 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.

- Only the printer driver, and not the SmartDeviceMonitor for Client is installed when using this printer under USB, parallel, or IEEE1394 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 the 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].

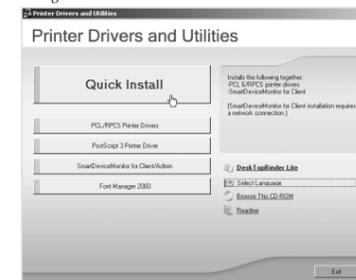
Cestina (Czech), Dansk (Danish), Deutsch (German), English (English), Espanol (Spanish), Francais (French), Italiano (Italian), Magyar (Hungarian), Nederlands (Dutch), Norsk (Norwegian), Polski (Polish), Portugues (Portuguese), Suomi (Finnish), Svenska (Swedish)

The default interface language is English.



- 4 Click [Quick Install].

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



This is an example when English is selected in step 3.

- 5 After reading through all of the contents, click [I accept the agreement] to agree with the License Agreement, and then click [Next >].



- 6 Select the printer model you want to install in the "Select Printer" dialog box.



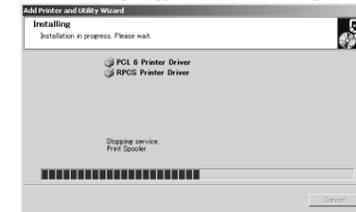
### Note

- For a 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].

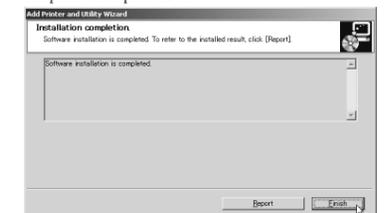
- 7 Click [Install].

The following display appears while installing the printer driver.



- 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.

- Auto Run may not work with the 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. For details about bidirectional communication between printer and computer, see "Install SmartDeviceMonitor for Client from the CD-ROM provided.", *Software Guide*.