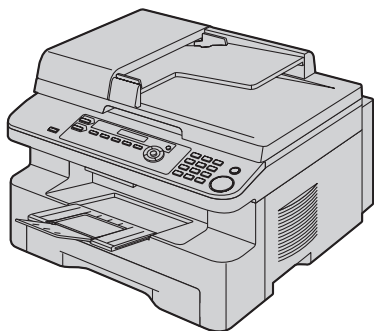




This pictured model is KX-MB271.

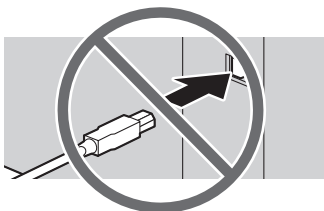
Panasonic®

Quick Reference Guide

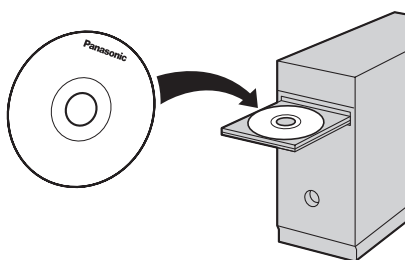
Multi-Function Printer
Model No. **KX-MB271**
KX-MB781

Do NOT connect the USB cable until prompted by the Multi-Function Station (CD-ROM).

1



2



This Quick Reference Guide provides safety instructions and a basic description of the unit's functions. An illustrated leaflet provides instructions for easy installation. Please read before using the unit and save for future reference.

The included Setup CD-ROM provides the Operating Instructions in PDF format with a detailed description on how to use the unit. Adobe® Reader® is required to view them.

For support:
(for customers in the U.S.A. or Puerto Rico)

— **REFER TO**

www.panasonic.com/help

— **E-MAIL TO**

contact@us.panasonic.com

— **PHONE CALL**

1-800-211-PANA (7262)

Designed to be used only in the U.S.A.

KX-MB781 only:

- This unit is compatible with Caller ID. To use this feature, you must subscribe to the appropriate service of your service provider.

Thank you for purchasing a Panasonic Multi-Function Printer.

User record (for your future reference)

Date of purchase

Serial number (found on the rear of the unit)

Dealer's name and address

Dealer's telephone number

Attach your sales receipt here.

|

You can select English or Spanish for the language.

The display and reports will be in the selected language. The default setting is English. If you want to change the setting, see following:

1. **[MENU] → [⌘][1][1][0]**
2. Press **[1]** "ENGLISH" or **[2]** "SPANISH" to select the desired language → **[SET] → [MENU]**

Caution:

- Do not rub or use an eraser on the printed side of recording paper, as the print may smear.
- This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material - special handling may apply. See

www.dtsc.ca.gov/hazardouswaste/perchlorate

- **KX-MB781 only:** The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including fax machines, to send any message unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided may not be a 900 number or any other number for which charges exceed local or long-distance transmission charges.)

In order to program this information into your fax machine, you should complete the instructions from page 11.

Notice for product disposal, transfer, or return:

- This product can store your private/confidential information. To protect your privacy/confidentiality, we recommend that you erase the information such as phonebook (or caller information) from the memory before you dispose, transfer or return the product.

Note:

- Most figures shown in this quick reference guide are based on a KX-MB271.

ENERGY STAR:

- As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.



Trademarks:

- Windows and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Adobe and Reader are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.
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For your safety

To prevent severe injury and loss of life/property, read this section carefully before using the unit to ensure proper and safe operation of your unit.

- The following symbols are used to classify and describe the level of hazard and injury caused when the denotation is disregarded and improper use is performed.

	WARNING
Denotes a potential hazard that could result in serious injury or death.	
	CAUTION
Denotes hazards that could result in minor injury or damage to the unit.	

- The following symbols are used to classify and describe the type of instructions to be observed.

	This type of symbol is used to alert users to a specific operating procedure that must be performed carefully.
	This type of symbol is used to alert users to a specific operating procedure that must not be performed.
	This type of symbol is used to alert users to a specific operating procedure that must be emphasized in order to operate the unit safely.



WARNING

Power and ground connection



Use only the power source marked on the unit. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.



For safety purposes this unit is equipped with a grounded plug. If you do not have this type of outlet, please have one installed. Do not defeat this safety feature by tampering with the plug.



Do not place objects on the power cord. Install the unit where no one can step or trip on the cord.



Do not overload power outlets and extension cords. This can result in the risk of fire or electric shock.



Completely insert the AC adaptor/power plug into the power outlet. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.



Regularly remove any dust, etc. from the AC adaptor/power plug by pulling it from the power outlet, then wiping with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc. resulting in a fire.



Unplug this unit from power outlets if it emits smoke, an abnormal smell or makes unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped and contact an authorized service center.



Never touch the plug with wet hands. Danger of electric shock exists.

Installation



Place the unit securely on a stable leveled surface. Serious damage and/or injury may result if the unit falls.



To prevent the risk of fire or electrical shock, do not expose this product to rain or any type of moisture.



Make sure that the unit is installed in a well ventilated room so as not to increase density of ozone in the air. Since ozone is heavier than air, it is recommended that air at floor level be ventilated.

Operating safeguards



Unplug this unit from power outlets before cleaning. Do not use liquid or aerosol cleaners.



Do not cover slots and openings on the unit. They are provided for ventilation and protection against overheating. Never place the unit near radiators, or in a place where proper ventilation is not provided.



Never push any objects through slots in this unit. This may result in the risk of fire or electric shock. Never spill any liquid on the unit.



To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized service center when service is required. Opening or removing covers may expose you to dangerous voltage or other risks. Incorrect reassembly can cause electric shock when the unit is subsequently used.



Follow all warnings and instructions marked on this unit.



Do not spill liquids (detergents, cleansers, etc.) onto the telephone line cord plug, or allow it to become wet at all. This may cause a fire. If the telephone line cord plug becomes wet, immediately pull it from the telephone wall jack, and do not use (KX-MB781 only).



Unplug this unit from power outlets and refer servicing to an authorized service center when the following conditions occur:

- If the power cord is damaged or frayed.
- If liquid has been spilled into the unit.
- If the unit has been exposed to rain or water.
- If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions. Improper adjustment may require extensive work by an authorized service center.
- If the unit has been dropped or physically damaged.
- If the unit exhibits a distinct change in performance.



CAUTION

Installation and relocation



After moving the unit from cold areas to warmer areas, let the unit adjust to the warmer temperature and do not connect the unit for about 30 minutes. If the unit is connected too soon after a sudden climate change, condensation may form inside the unit causing malfunction.



Never install telephone wiring during a lightning storm (KX-MB781 only).



Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations (KX-MB781 only).



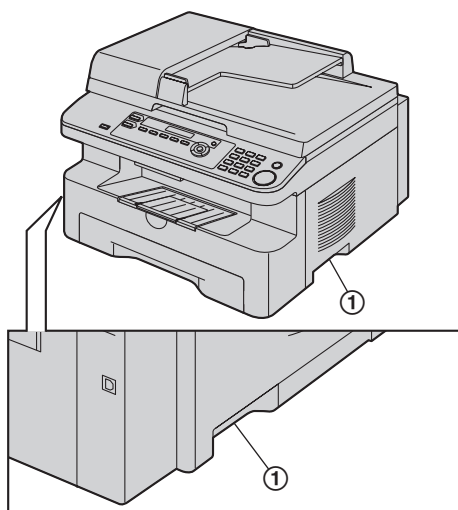
Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface (KX-MB781 only).



Use caution when installing or modifying telephone lines (KX-MB781 only).



When moving the unit, make sure you are using the side grips (①).



Laser radiation



The printer of this unit utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

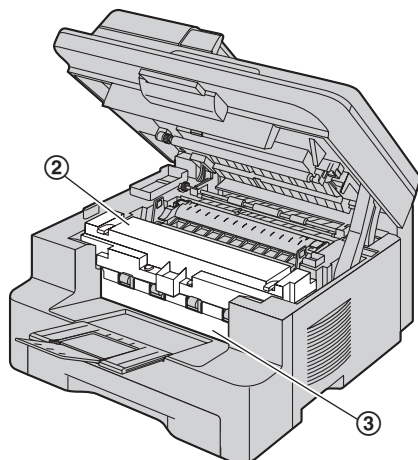
Fuser unit



The fuser unit (②) gets hot. Do not touch it.

Note:

- During or immediately after printing, the area near the recording paper exit (③) also gets warm. This is normal.



Toner cartridge

Be careful of the following when you handle the toner cartridge:



If you ingest any toner, drink several glasses of water to dilute your stomach contents, and seek immediate medical treatment.



If any toner comes into contact with your eyes, flush them thoroughly with water, and seek medical treatment.



If any toner comes into contact with your skin, wash the area thoroughly with soap and water. If there is skin irritation, seek immediate medical treatment.



If you inhale any toner, move to an area with fresh air and consult local medical personnel.

Important safety instructions

When using this unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Do not use this unit near water, for example near a bathtub, wash bowl, kitchen sink, etc.
2. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning (KX-MB781 only).
3. Do not use this unit to report a gas leak, when in the vicinity of the leak (KX-MB781 only).

SAVE THESE INSTRUCTIONS

Operating instructions in the CD-ROM

The operating instructions in the CD-ROM consist of the following contents. Adobe Reader is required to view them.

- To view or install the operating instructions in the CD-ROM, see page 12.

1. Introduction and Installation

- Information prior to using the unit, for example how to install the toner cartridge and drum unit, and other accessories.

2. Preparation

- Main settings prior to activating the unit, such as Multi-function software information.

3. Printer

- More ways to use the printer, such as printing on special media.

4. Scanner

- More ways to use the scanner, such as saving as a file or sending as an e-mail attachment.

5. Copier

- More ways to use the copier, such as enlargement/reduction, and ways to save on your paper.

6. Fax (KX-MB781 only)

- Convenient ways to send faxes such as using one-touch dial feature and navigator directory, and broadcast transmission.
- More ways to receive faxes, and preventing fax reception from undesired callers.

7. Caller ID (KX-MB781 only)

8. Distinctive Ring (KX-MB781 only)

9. Programmable Features

10. Useful Information

- Detailed information on character entry, and information for more ways to use the unit.

11. Help

- Troubleshooting

12. Paper Jams

13. Cleaning

14. General Information

- Specifications

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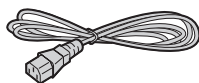
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1.1 Included accessories

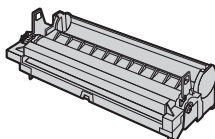
- ① Power cord
(PFJA1030Z)*¹



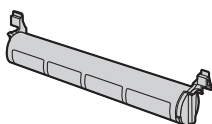
- ② CD-ROM
(PFJKMB271Z)*¹



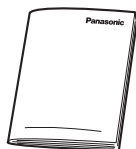
- ③ Drum unit
(KX-FAD93)*¹



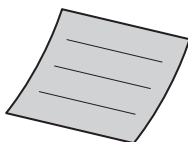
- ④ Starter toner cartridge*²



- ⑤ Quick reference guide
(English-
PFQW2640Z)*¹
(Spanish-
PFQW2641Z)*¹



- ⑥ Quick installation guide
(PFQW2639Z)*¹



- ⑦ **KX-MB781 only**
Telephone line cord
(PQJA10075Z)*¹



*¹ Part numbers are subject to change without notice.

*² Prints about 500 letter-sized pages with a 5 % image area.

Note:

- Save the original carton and packing materials for future shipping and transportation of the unit.

1.2 Accessory information

Accessories for this unit can be ordered online, by fax, or by telephone.

- **Replacement toner cartridge*¹**
 - **Model No. (Part No.): KX-FAT92**
- **Replacement drum unit*¹**
 - **Model No. (Part No.): KX-FAD93**
- **Optional handset unit*²**
 - **Model No. (Part No.): KX-FA103**

*¹ Approx. 2,000 sheets of letter size paper can be printed with KX-FAT92. To ensure that the unit operates properly, we recommend using the Panasonic toner cartridge and drum unit.

*² KX-MB781 only. See the operating instructions in the CD-ROM for connections.

To place an order online (for customers in the U.S.A. ONLY)

Visit our web site:

<http://www.panasonic.com/mfpsupplies>

- For questions regarding online orders:

E-mail:

customerservice@shop.us.panasonic.com

Telephone: (800) 405-0652

To place an order by fax

Fax: (800) 237-9080

Include:

- your name, shipping address and telephone number
- credit card type, number, expiration date and your signature
- part number and quantity

To place an order by telephone

Telephone: (800) 332-5368

(Monday - Friday 9 am to 9 pm, EST.)

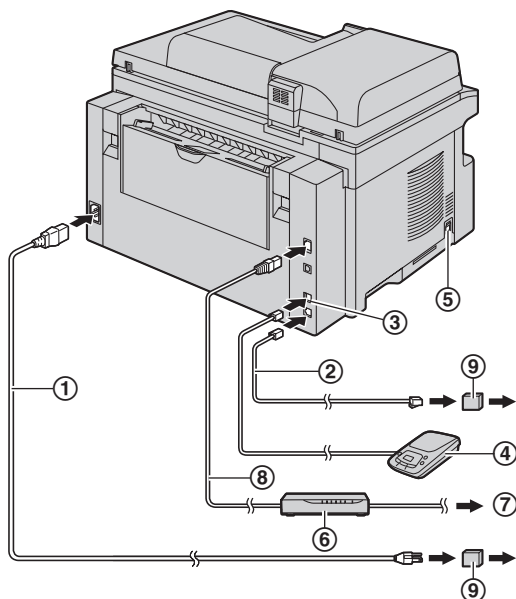
1.3 Connections

Caution:

- When you operate this product, the power outlet should be near the product and easily accessible.

- ① Power cord
 - Connect to a power outlet (120 V, 60 Hz).
- ② Telephone line cord*¹
 - Connect to a single telephone line jack (RJ11).
- ③ [EXT] jack*¹
 - You can connect an answering machine or an extension telephone. Remove the stopper if attached.
- ④ Answering machine (not included)*¹
- ⑤ Handset unit (optional) connection jack*¹
 - You can connect the optional handset unit. Remove the seal if attached.
- ⑥ Network router/Network hub (not included)*¹
 - Also connect networked computers.
- ⑦ To the internet*¹
- ⑧ LAN cable (not included)*¹
 - To assure continued emission limit compliance, use only shielded LAN cable (category 5 straight cable).

*¹ KX-MB781 only



* The pictured model is KX-MB781.

Important notice for the USB connection

- Do NOT connect the USB cable until prompted by the Multi-Function Station (page 12).

Note:

- If any other device is connected to the same telephone line, this unit may disturb the network condition of the device (KX-MB781 only).

Using surge protectors

- The warranty does not cover damage due to power line surges or lightning. For additional protection, we recommend using surge protectors (⑨).

1.4 Dialing mode (KX-MB781 only)

If you cannot dial, change this setting according to your telephone line service.

- 1 [MENU] → [⊞][1][2][0]

DIALING MODE	[▼▲]
=TONE	

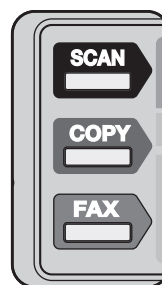
- 2 Press [1] or [2] to select the desired setting.
 - [1] "PULSE": For rotary/pulse dial service.
 - [2] "TONE" (default): For tone dial service.

- 3 [SET]

- 4 Press [MENU] to exit.

1.5 Selecting the operation mode (Scan/Copy) (Fax: KX-MB781 only)

You can select the desired mode by pressing one of the following buttons.

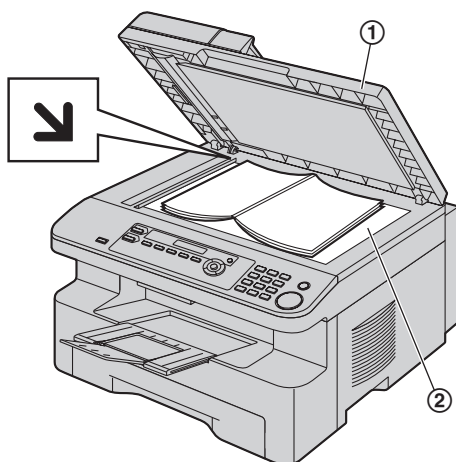


* The pictured model is KX-MB781.

- [SCAN]: Select this mode when using the unit as a scanner for the computer.
- [COPY]: Select this mode when using the unit as a copier.
- [FAX] (KX-MB781 only): Select this mode when using the unit as a fax machine.

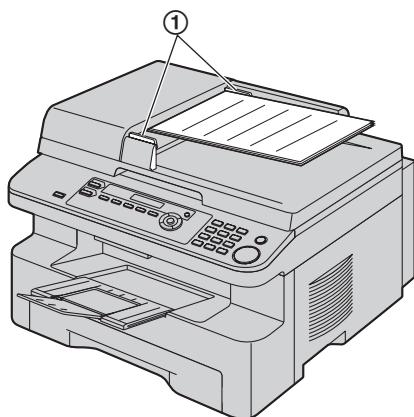
1.6 Setting the original

1.6.1 Using the scanner glass



- 1 Open the document cover (①).
- 2 Place the document FACE DOWN on the scanner glass (②), aligning the top left of the document with the corner to which the  mark points.
- 3 Close the document cover.

1.6.2 Using the auto document feeder



- 1 Insert the document (up to 20 pages) FACE UP into the feeder until a single beep is heard.
- 2 Adjust the width of the document guides (①) to fit the actual size of the document.

1.7 Help function (KX-MB781 only)

The unit contains helpful information on the following topics which can be printed for reference purposes, as follows:

- “BASIC SETTINGS”
- “FEATURE LIST”
- “DIRECTORY”
- “FAX SND/RCV”
- “COPIER”
- “Q and A”
- “ERRORS”
- “REPORTS”
- “CALLER ID”

- 1 Press **[MENU]** repeatedly to display “HELP”.
- 2 Press **[◀]** or **[▶]** repeatedly to display the desired item. → **[SET]**
- 3 Press **[MENU]** to exit.

1.8 Adjusting volume (KX-MB781 only)

Before adjusting volume, set the operation mode to fax mode (page 9).

Ringer volume

While the unit is idle, press **[▼]** or **[▲]**.

- If there are any documents in the document entrance, you cannot adjust the volume. Confirm that there are no documents in the entrance.

To turn the ringer OFF

Press **[▼]** repeatedly to display “RINGER OFF= OK?”. → **[SET]**

- The unit will not ring.
- To turn the ringer back ON, press **[▲]**.

Ringer pattern

- You can select one of 3 ringer patterns (feature #161).

Monitor volume

While using the monitor, press **[▼]** or **[▲]**.

1.9 Date and time (KX-MB781 only)

1 [MENU] → [⏏][1][0][1] → [SET]

M: 01/D: 01/Y: 07
TIME: 12:00AM

2 Enter the current month/date/year/hour/minute by selecting 2 digits for each.

Example: August 10, 2007 10:15 PM (12 hour clock format)

1. Press [0][8] [1][0] [0][7] [1][0] [1][5].

M: 08/D: 10/Y: 07
TIME: 10:15AM

2. Press [✱] repeatedly to select "PM".

3 [SET]

4 Press [MENU] to exit.

1.10 Your logo (KX-MB781 only)

You can program your logo (name, company name, etc.) so that it appears on the top of each page sent.

1 [MENU] → [⏏][1][0][2] → [SET]

LOGO=

2 Enter your logo, up to 30 characters using the dial keypad. → [SET]

3 Press [MENU] to exit.

1.11 Your fax number (KX-MB781 only)

You can program your fax number so that it appears on the top of each page sent.

1 [MENU] → [⏏][1][0][3] → [SET]

NO. =

2 Enter your fax number, up to 20 digits.

- To enter a "+", press [✱].
- To enter a space, press [⏏].
- To enter a hyphen, press [FLASH].
- To erase a number, press [STOP].

3 [SET]

4 Press [MENU] to exit.

1.12 Configuring the unit to access the LAN (KX-MB781 only)

You can print documents, scan documents, receive faxes or send faxes using a computer on the LAN. To

enable these features, you need to set the IP address, subnet mask, and default gateway for the unit.

Important:

- Consult your network administrator when setting the IP address, subnet mask, and default gateway.

1.12.1 Setting up automatically with a DHCP server

Your situation:

- When only one unit is connected to the LAN.

If your network administrator manages the network with a DHCP (Dynamic Host Configuration Protocol) server, it will automatically assign an IP (Internet Protocol) address, subnet mask, and default gateway to the unit.

- 1 After connecting the LAN cable to the unit and the computer, connect the power cord.
 - The IP address, subnet mask, and default gateway will be set automatically.
- 2 Install Multi-Function Station on the computer that you want to use it with.

1.13 Installing Multi-Function Station

- Install Multi-Function Station (CD-ROM) before connecting the unit to a computer with USB cable. If the unit is connected to a computer with USB cable before installing Multi-Function Station, the [Found New Hardware Wizard] dialog box will appear. Click [Cancel] to close it.
- Software features and appearance are subject to change without notice.

Warning:

- To assure continued emission limit compliance;
 - use only shielded USB cable.
 - use only shielded LAN cable (category 5 straight cable) (KX-MB781 only).

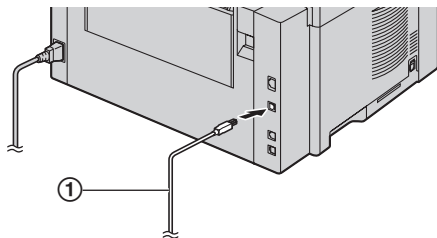
- 1 Start Windows® and exit all other applications.
 - For Windows 2000, Windows XP and Windows Vista™ operating system users, you must be logged in as an administrator in order to install Multi-Function Station.
- 2 Insert the included CD-ROM into your CD-ROM drive.
- 3 [Easy installation]
 - The installation will start.
- 4 When the setup program starts, follow the on-screen instructions.
- 5 The [Connect Type] dialog box appears.

For USB connection:

1. [Connect directly with a USB cable.] → [Next]
 - The [Connect Device] dialog box will appear.

1. Introduction and Preparation

2. Connect the unit with the USB cable (①), then click **[Next]**.



* The pictured model is KX-MB781.

3. Click **[Install]**, then follow the on-screen instructions.
 - The files will be copied to your computer.

For LAN connection (KX-MB781 only):

1. **[Connect via the Network.]** → **[Next]**
 - The **[Select a Network Device]** dialog box will appear.
2. Check **[Select in the searched list]** and select the unit from the list.
3. **[Next]**
4. Click **[Install]**, then follow the on-screen instructions.
 - The files will be copied to your computer.

Important notice

If you use Windows XP or Windows Vista, a message may appear after connecting the unit with the USB cable. This is normal and the software will not cause any difficulties with your operating system. You can continue the installation with no problem. The message displayed is as follows:

- **For Windows XP users**

"The software you are installing for this hardware has not passed Windows Logo testing to verify its compatibility with Windows XP."

- **For Windows Vista users**

"Would you like to install this device software?"

To view or install the operating instructions in the CD-ROM

1. Start Windows and insert the included CD-ROM into your CD-ROM drive.
2. Click **[Operating Instructions]**, then follow the on-screen instructions to view or install the operating instructions in PDF format.
 - Adobe Reader is required to view them.

2.1 Printing from Windows applications

You can print a file created in a Windows application. For example, to print from WordPad, proceed as follows.

- 1 Open the document you want to print.
- 2 Select **[Print...]** from the **[File]** menu.
- 3 Select the unit's name as the active printer.
 - If you have changed the name of the unit when installing, select that name from the list.
- 4 Click **[Print]** or **[OK]**.
 - The unit will start printing.

2.2 Scanning from the unit (Push Scan)

You can easily scan the document by operating the operation panel on the unit.

2.2.1 Scan to Multi-Function Viewer

- 1 Set the original (page 10).
- 2 **[SCAN]**
- 3 Press **[▼]** or **[▲]** repeatedly to select **"VIEWER"**. → **[SET]**
- 4 **For USB connection:**
Press **[▼]** or **[▲]** repeatedly to select **"USB HOST"**. → **[SET]**

For LAN connection (KX-MB781 only):
Press **[▼]** or **[▲]** repeatedly to select the computer that you want to send the scanned image. → **[SET]**
- 5 If necessary, change the scanning settings (scan type / resolution / file format / brightness / contrast / scan size). Press **[▶]**, press **[▼]** or **[▲]** repeatedly to select the desired setting. → **[SET]** → **[START]**

2.3 Scanning from a computer (Pull Scan)

2.3.1 Using Multi-Function scan application

By clicking an application icon, the selected application starts automatically after scanning.

- 1 Set the original (page 10).
- 2 Start Multi-Function Station. → **[Scan]**
- 3 Click the desired application icon.

2.4 Making a copy

Illegal copies

- **It is unlawful to make copies of certain documents.**

Copying certain documents may be illegal in your country. Penalties of fines and/or imprisonment may be imposed on those found guilty. The following are examples of items that may be illegal to copy in your country.

- Currency
- Bank notes and checks
- Bank and government bonds and securities
- Passports and identification cards
- Copyright material or trademarks without the consent of the owner
- Postage stamps and other negotiable instruments

This list is not inclusive and no liability is assumed for either its completeness or accuracy. In case of doubt, contact your legal counsel.

Notice:

- Install your machine near a supervised area to prevent illegal copies from being made.

2.4.1 Using the scanner glass

- 1 If the **[COPY]** light is OFF, turn it ON by pressing **[COPY]**.
- 2 Set the original (page 10).
- 3 If necessary, change the resolution and contrast according to the type of document.
- 4 If necessary, enter the number of copies (up to 99).
- 5 **[START]**
 - The unit will start copying.
- 6 After you finish copying, press **[STOP]** to reset the settings you set in step 3 and 4.

2.4.2 Using the auto document feeder

- 1 If the **[COPY]** light is OFF, turn it ON by pressing **[COPY]**.
- 2 Set the original (page 10).
- 3 If necessary, change the resolution and contrast according to the type of document.
- 4 If necessary, enter the number of copies (up to 99).
- 5 **[START]**
 - The unit will start copying.
- 6 After you finish copying, press **[STOP]** to reset the settings you set in step 3 and 4.

2.5 Sending a fax manually (KX-MB781 only)

2.5.1 Using the scanner glass

- 1 If the **[FAX]** light is OFF, turn it ON by pressing **[FAX]**.
- 2 Set the original (page 10).
- 3 If necessary, change the resolution and contrast according to the type of document.
- 4 Dial the fax number.
 - To send a single page, skip to step 7.
 - To send multiple pages, go to the next step.
- 5 Press **[QUICK SCAN]** to scan the document into memory.
- 6 Place the next page on the scanner glass. → **[SET]**
 - To send more pages, repeat this step.
- 7 **[START]**

2.5.2 Using the auto document feeder

- 1 If the **[FAX]** light is OFF, turn it ON by pressing **[FAX]**.
- 2 Set the original (page 10).
- 3 If necessary, change the resolution and contrast according to the type of document.
- 4 **[MONITOR]**
- 5 Dial the fax number. → **[START]**

2.6 Receiving a fax automatically – Auto answer ON (KX-MB781 only)

2.6.1 Activating FAX ONLY mode

Press **[FAX AUTO ANSWER]** repeatedly to display “**FAX ONLY MODE**”.

How faxes are received

When receiving calls, the unit will automatically answer all calls and only receive fax documents.

2.7 Canceling the operations

You can cancel the current operation from the unit. You can also select the desired operation to cancel.

- 1 **[STOP]**
 - “**USER STOPPED**” is displayed.

- When “**USER STOPPED**” is not displayed, go to step 2.

2 To cancel printing:

Press **[STOP]** repeatedly to display “**STOP PRINTING?**”.

To cancel scanning:

Press **[STOP]** repeatedly to display “**STOP SCANNING?**”.

To cancel copying:

Press **[STOP]** repeatedly to display “**STOP COPYING?**”.

To cancel sending or receiving faxes (KX-MB781 only):

Press **[STOP]** repeatedly to display “**STOP FAX?**”.

To cancel broadcast transmission (KX-MB781 only):

Press **[STOP]** repeatedly to display “**BROADCAST CANCELED?**”.

To cancel fax redialing (KX-MB781 only):

Press **[STOP]** repeatedly to display “**SEND CANCELED?**”.

3 **[SET]**

3.1 Error messages – Display

If the unit detects a problem, one or more of the following messages will appear on the display.

Display	Cause & Solution
"CALL SERVICE"	There is something wrong with the unit. Contact our service personnel.
"CARRIAGE ERROR"	There is something wrong with the carriage sensor. Contact our service personnel.
"CHANGE DRUM"	There is something wrong with the drum unit. Replace the drum unit and the toner cartridge.
"CHECK DOCUMENT"	The document was not fed into the unit properly. Remove the document, then press [STOP] to clear the message. Re-insert the document. Re-insert the document. If misfeeding occurs frequently, clean the document feeder rollers and try again.
"CHECK DRUM"	The drum unit is not inserted properly. Re-insert it correctly.
"CHECK PAPER #1"	- Recording paper is not installed or the paper input tray has run out of paper. Install paper. - Recording paper was not fed into the unit properly. Re-insert the recording paper. - The paper input tray is not installed or is not inserted completely. Insert the paper input tray into the unit.
"CHECK PICK UP INPUT TRAY #2"	Recording paper was not fed into the unit properly. Re-insert the recording paper.
"CHECK REAR COVER"	- The rear cover is open. Close it. - A recording paper jam occurred near the manual input tray. Remove the jammed paper.
"DIRECTORY FULL"	There is no space to store new items in navigator directory. Erase unnecessary items.
"DRUM LIFE LOW REPLACE SOON"	The drum life is near to an end. Replace the drum unit as soon as possible.
"FAX IN MEMORY"	- The unit has a document in memory. See the other displayed message instructions to print out the document. - If feature #442 is set to "ALWAYS", check the connection between the computer and the unit.
"KEEP COPYING"	Copying has stopped due to a recording paper jam. See the other displayed message instructions to continue copying.
"LOW TEMP."	The inside of the unit is extremely cold and cannot be operated. Use the unit in a warmer area. While the unit cannot be operated, the received documents are temporarily stored into the memory, and will be printed out automatically when the unit warms up.
"MEMORY FULL"	- When performing memory transmission, the document being stored exceeded the memory capacity of the unit. Send the entire document manually. - When making a copy, the document being stored exceeded the memory capacity of the unit. Press [STOP] to clear the message. Divide the document into sections.
"MODEM ERROR"	There is something wrong with the unit's modem. Contact our service personnel.
"NO FAX REPLY"	The other party's fax machine is busy or has run out of recording paper. Try again.

3. Help

Display	Cause & Solution
"OUT OF PAPER INPUT TRAY #2"	● Recording paper is not installed in the manual input tray. Install paper.
"PAPER JAMMED" "OPEN TOP COVER"	● A recording paper jam occurred. Remove the jammed paper.
"PC FAIL OR BUSY"	● The cable or the computer power cord is not connected correctly. Check the connections. ● The software is not running on the computer. Restart the software and try again.
"PLEASE WAIT"	● The unit is warming up. Wait for a while.
"REDIAL TIME OUT"	● The other party's fax machine is busy or has run out of recording paper. Try again.
"REMOVE DOCUMENT"	● The document is jammed. Remove the jammed document. ● Attempted to send or copy a document longer than 600 mm (23⁵/₈") using the auto document feeder. Press [STOP] to remove the document. Divide the document into two or more sheets and try again.
"REMOVE PAPER IN INPUT TRAY #2"	● The recording paper is installed in the manual input tray when trying to copy, receive faxes or print reports. Remove the recording paper from manual input tray.
"REPLACE DRUM CHANGE SUPPLIES"	● The drum unit's service life is finished. Replace the drum unit immediately.
"RX MEMORY FULL"	● The memory is full of received documents due to a lack of recording paper or a recording paper jam. Install paper or remove the jammed paper. ● If feature #442 is set to "ALWAYS", check the connection between the computer and the unit.
"TONER EMPTY" "CHANGE SUPPLIES"	● The toner's service life is finished. Replace the toner cartridge immediately.
"TONER LOW" "CHANGE SUPPLIES"	● The toner's service life is near to an end. Replace the toner cartridge as soon as possible.
"TOP COVER OPEN"	● The top cover is open. Close it.
"TRANSMIT ERROR"	● A transmission error occurred. Try again.
"WARMING UP"	● The inside of the unit is cold. Let the unit warm up. Wait for a while.
"WRONG PAPER"	● The fax message was printed on paper which is shorter than letter size paper. Use the appropriate size paper.

4.1 FCC and Other Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 (1) This device may not cause harmful interference, and
 (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Responsible Party:

Panasonic Corporation of North America
 One Panasonic Way, Secaucus, NJ 07094

Technical Support:

Panasonic Consumer Electronics Company
 Division of Panasonic Corporation of North America
 One Panasonic Way, Secaucus, NJ 07094
 Telephone: 1-800-211-PANA (7262)

KX-MB781 only

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the rear of this equipment is a label that contains, among other information, a product identifier in the format US:ACJ-----.

If requested, this number must be provided to the telephone company.

- Registration No.(found on the rear of the unit)
- Ringer Equivalence No. (REN)
(found on the rear of the unit)

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment, for repair or warranty information, please contact a Factory Service Center or other Authorized Servicer. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

This equipment is hearing aid compatible as defined by the FCC in 47 CFR Section 68.316.

WHEN PROGRAMMING EMERGENCY NUMBERS AND/OR MAKING TEST CALLS TO EMERGENCY NUMBERS:

- 1) Remain on the line and briefly explain to the dispatcher the reason for the call.
- 2) Perform such activities in the off-peak hours, such as early morning or late evenings.

4.2 Limited Warranty

PANASONIC CONSUMER ELECTRONICS COMPANY,
DIVISION OF PANASONIC CORPORATION OF NORTH
AMERICA
One Panasonic Way, Secaucus, New Jersey 07094

PANASONIC PUERTO RICO, INC.
San Gabriel Industrial Park,
Ave. 65 de Infantería, Km. 9.5,
Carolina, Puerto Rico 00985

Panasonic Facsimile Product Limited Warranty

Limited Warranty Coverage

If your product does not work properly because of a defect in materials or workmanship, Panasonic Consumer Electronics Company or Panasonic Puerto Rico, Inc. (collectively referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

FAX categories	Parts	Labor
Thermal Transfer Facsimile	6 Months	6 Months
Laser Facsimile	1 (one) Year	1 (one) Year
Laser MFP	1 (one) Year	1 (one) Year

Batteries, antennas, ink film, toner cartridge, drum unit, and ink cartridge (as may be applicable), and cosmetic parts (cabinet) are not warranted under this Limited Warranty.

During the "Labor" Limited Warranty period there will be no charge for labor. During the "Parts" Limited Warranty period, there will be no charge for parts. You must carry-in or mail-in your product during the Limited Warranty period. This Limited Warranty only applies to products purchased and serviced in the United States or Puerto Rico. This Limited Warranty is extended only to the original purchaser and only covers products purchased as new. A purchase receipt or other proof of the original purchase date is required for Limited Warranty service.

Carry-In or Mail-In Service

For Carry-In or Mail-In Service in the United States call 1-800-211-PANA (7262)

For assistance in Puerto Rico call Panasonic Puerto Rico, Inc. (787)-750-4300 or fax (787)-768-2910.

Limited Warranty Limits And Exclusions

This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor such as non Panasonic ink film, toner cartridge or drum unit, or failures which result from accidents, misuse, abuse, neglect, bug infestation, mishandling, misapplication, alteration, faulty installation, set-up adjustments, signal reception problems, misadjustment of consumer controls, improper maintenance, power line surge, improper voltage supply, lightning damage, modification, introduction of sand, humidity or liquids, rental use of the product, service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS LIMITED WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, or travel to and from the servicer. The items listed are not exclusive, but are for illustration only.) **ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied Limited Warranty lasts, so the exclusions may not apply to you.

This Limited Warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the Limited Warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.

PARTS AND SERVICE WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY ARE YOUR RESPONSIBILITY.

For In Limited Warranty product service

- Call toll-free 1-800-211-PANA (7262) for the location of an authorized service center.

If the Limited Warranty has expired, contact our Continued Services Technical Support Line at 1-800-435-7329, for fee based technical support. A credit card will be used to charge this fee.

When you ship the product

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom or problem, to the outside of the carton.
- Send the unit to an authorized service center, prepaid and adequately insured.
- Do not send your unit to the Panasonic Consumer Electronics Company or to any executive or regional sales office. These locations do not repair consumer products.

4.3 Customer Services directory

Customer Services Directory

Obtain Product Information and Operating Assistance; locate your nearest Dealer or Service Center; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at:

<http://www.panasonic.com/help>

or E-mail us via:

contact@us.panasonic.com

Contact:

For in Limited Warranty programming and Troubleshooting Support:

Office Advantage assistance and Service Location finder: 1-800-211-PANA (7262)

If the Limited Warranty has expired, contact our Continued Services Technical Support Line at 1-800-435-7329, for fee based technical support. A credit card will be used to charge this fee.

For hearing or speech impaired TTY users, TTY: 1-877-833-8855

Accessory Purchases

Purchase Parts, Accessories and Instruction Books online for all Panasonic Products by visiting our Web Site at:

<http://www.pasc.panasonic.com>

or, send your request by E-mail to:

npcparts@us.panasonic.com

You may also contact us directly at:

Phone (800) 332-5368 Fax (800) 237-9080 (Monday - Friday 9 am to 9 pm, EST.)

Panasonic Service and Technology Company

20421 84th Avenue South, Kent, WA 98032

(We Accept Visa, MasterCard, Discover Card, American Express, and Personal Checks)

For hearing or speech impaired TTY users, TTY: 1-866-605-1277

Service in Puerto Rico

Panasonic Puerto Rico, Inc.

San Gabriel Industrial Park, Ave. 65 de Infantería, Km. 9.5, Carolina, Puerto Rico 00985

Phone (787) 750-4300 Fax (787) 768-2910 (Monday - Friday 8:30 am to 4:30 pm, EST.)

Panasonic OFFICE ADVANTAGE PROGRAM

*Free peace of mind,
direct from Panasonic*

NO EXTRA COST



- ***Covered during the period of limited warranty¹:
parts, labor, and toll-free help line²***
- ***Free replacement³ and repair program***

The Panasonic Office Advantage Consumer Service Program.

Panasonic knows that if your unit is not up and running, neither is your business. That's why we created the Panasonic Office Advantage Program. Included at no extra cost with the purchase of a new and unused Panasonic unit, the Office Advantage Program can provide a free replacement unit³ if your original unit is in need of repair.

Here's how it works:

1. If you have a problem with your unit that you purchased new and unused while it is covered by the period of limited warranty¹, call our toll-free help-line at 1-800-211-PANA (7262)².
2. Talk to one of our technical experts to troubleshoot your problem over the phone.
3. If repairs are necessary and you are entitled to service under the terms and conditions of the limited warranty⁵, we will send a refurbished⁴ replacement unit to you.

A second option available under our limited warranty¹ is to mail-in or carry-in your unit to one of our Authorized Independent Service centers, where the unit will be repaired and returned to you.

Instructions:

If you choose to receive a replacement unit under the Office Advantage Program, Panasonic will provide a replacement unit which will be completely refurbished, quality-tested by Panasonic technicians and individually hand-inspected before it is shipped to you. You will keep the replacement unit and send the original unit to us in the replacement unit's box within 10 days upon delivery to avoid unnecessary charges. You need to contact the courier to pick up the unit at no charge to you, should it be determined that you are entitled to warranty service. The original unit must be properly packaged in the same manner as the replacement unit, utilizing the packing materials provided. Damage due to improper or inadequate packing will be charged to you as an out-of-warranty cost.

Requirements:

You must give our technicians a valid credit card number (Discover, VISA, Master Card, or American Express/Optima). The proof-of-purchase must be faxed to 1-888-412-9991 to determine if the unit is under Limited Warranty. Product that is not returned to Panasonic by 10 business days after shipment of the replacement product will be charged to your credit card account at Panasonic's Suggested Retail Price (see dealer for details). If your original unit is not eligible for warranty service, your card will be charged for the non-warranty repair of the unit at Panasonic's current rate for parts and labor and for any shipping charges associated with this program. If you do not wish to pay out-of-warranty repair costs, you will be responsible for returning the replacement unit to Panasonic and for paying all shipping charges associated with this program including the delivery of the replacement product to you, shipment of the problem unit to Panasonic, shipment of the replacement unit back to Panasonic and the return of your original unit back to you. Credit status will be verified prior to sending the replacement product.

1. See Limited Warranty page for more information.
2. If the Limited Warranty¹ has expired, contact our Continued Services Technical Support Line at 1-800-435-7329, for fee based technical support. A credit card will be used to charge this fee.
3. Replacement unit is refurbished.
4. *Panasonic reserves the right to send a refurbished unit. Accessories and consumables are not included.*
5. Replacement program is only available in the 50 United States and is subject to termination at any time without advance notice. All terms stated in the Limited Warranty apply to this program. *Please see Limited Warranty coverage page for more information.*

**Panasonic Consumer Electronics
Company, Division of Panasonic
Corporation of North America**

One Panasonic Way, Secaucus,
New Jersey 07094

Panasonic Puerto Rico, Inc.

San Gabriel Industrial Park,
Ave. 65 de Infantería, Km. 9.5,
Carolina, Puerto Rico 00985



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