

Panasonic

High Speed Laser Fax

Operating Instructions

Model No. **KX-FL501E**



Please read these Operating Instructions before using the unit and save for future reference.

This model is designed to be used only in the United Kingdom and Ireland.

Thank you for purchasing a Panasonic facsimile.

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

Caution:

- Do not rub or use an eraser on the printed side of recording paper, as the print may smear.
- In the event of problems, you should contact your equipment supplier in the first instance.
- This equipment is designed for use on the UK and Republic of Ireland analogue telephone network.

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IMPORTANT

Panasonic

WARRANTY REGISTRATION

**PLEASE FAX BACK TO REGISTER FOR
YOUR 12 MONTHS WARRANTY**

FAX BACK NUMBER 08700 600001

Thank you for purchasing your Panasonic facsimile. By filling in the section below, this will ensure the following:

- Should you ever require a service call under warranty, your call will be dealt with quickly and efficiently.
- If you have any problems, please call our customer helpline on 08701 580560 for UK. For Republic of Ireland, please call 01289 8333
- Please have your serial number and D. O. P. ready.

Simply, follow these instructions:

1. Please fill in the section below in block capitals and in ink.

Your name

Company name (if applicable)

Your address

Your postcode

Telephone no. Fax no.

Model no.

Serial no. Date of purchase Day Month Year

2. Please fax this completed form to 08700 600001

3. For information on Warranty Upgrades please contact us on 08701 580560 or, for Republic of Ireland, please call 01289 8333

TERMS AND CONDITIONS

1. This machine is supplied with a one year swap out warranty. Please retain your Proof of Purchase and Packaging in the unlikely event that your machine should require attention. For further information please contact us on 08701 580560 or visit our web site at www.panasonic.co.uk
2. This warranty is in addition to and does not in any way affect any statutory or other right of consumer purchasers. This warranty relates only to product used within Mainland Great Britain, please refer to your dealer warranty information relating to use elsewhere within the United Kingdom.
3. This product is designed for use only on the United Kingdom and Ireland's Public Switched Telephone Network and should be used only for normal purposes and in accordance with standard operating instructions.
4. You should complete the registration form overleaf and fax it to us with 7 days of purchase; failure to do so may result in delays in providing warranty service.
5. This warranty covers breakdowns due to design or manufacturing faults; it does not apply to damage, however caused, wear or tear, neglect, incorrect adjustment or repair, or to any items of limited natural life.
6. This warranty does not cover consumables, i.e. ink films, film refills, ink cartridges, toner cartridges, drum units, paper and paper loads or any optional accessories which may have been purchased either at the same time, as or subsequent to, the main unit. Such accessories should be returned to the point of purchase if found to be faulty.
7. In the event of a failure, please take the following action;
 - a. Refer to the "Help" section of your instruction manual in order to identify and possibly correct the problem:
 - b. If the problem is not resolved after referring to the user guide, please contact our customer helpline on 08701 580560 for UK or 01289 8333 for the Republic of Ireland
8. In the event the helpline cannot resolve the problem, a like for like exchange fax will be despatched overnight (if the call is received before 4pm) or, by a mutually convenient arrangement. The helpline operator will give you specific instructions on how the exchange will be executed. Failure to comply with these instructions may result in delay and cost to you.
9. The exchange fax will be delivered in a customised case by courier. It is the customer's responsibility to promptly remove the exchange fax and insert the faulty fax in the case provided for collection, to enable the courier to return it to Panasonic.
10. The exchange fax is to be regarded as a like for like exchange under warranty and the balance of the warranty period will transfer to the exchange unit.
The liability of Panasonic under the terms of this warranty is limited to the exchange of the fax, or the repair and return of the original fax (subject to any additional charges).
11. Where the original fax is found to be faulty as a result of unauthorised repairs or modifications or damage either by accident, misuse or improper installation then Panasonic reserves the right to charge the customer the sum of £50.00 plus VAT, as a contribution towards repair costs.
12. This warranty applies to the original purchaser only and is not transferable.
13. The warranty period applicable to this product shall be 12 months from the date of purchase.

Fax to 08700 600001

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. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from power outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example near a bathtub, wash bowl, kitchen sink, or the like.
5. Place the unit securely on a stable surface. Serious damage and/or injury may result if the unit falls.
6. 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.
7. 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.
8. 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 use any type of adaptor plug to defeat this safety feature.
9. Do not place objects on the mains lead. Install the unit where no one can step or trip on the mains lead.
10. Do not overload wall outlets and extension cords. This can result in the risk of fire or electric shock.
11. 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.
12. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorised service centre when service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the unit is subsequently used.
13. Unplug this unit from the wall outlet and refer servicing to an authorised service centre when the following conditions occur:
 - A. When the power supply cord or plug is damaged or frayed.
 - B. If liquid has been spilled into the unit.
 - C. If the unit has been exposed to rain or water.
 - D. 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 authorised service centre.
 - E. If the unit has been dropped or physically damaged.
 - F. If the unit exhibits a distinct change in performance.
14. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning.
15. Do not use this unit to report a gas leak, when in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

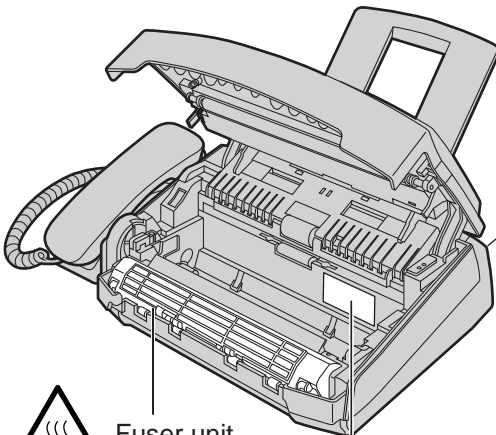
Safety instructions

CAUTION:

Laser radiation

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

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
CLASSE 1 LASER PRODUIT
CLASE 1 LÁSER PRODUCTO



Fuser unit

DANGER: Invisible laser radiation when open and interlock defeated. AVOID DIRECT EXPOSURE TO BEAM.

ATTENTION: Rayonnement laser invisible dangereux en cas d'ouverture et lorsque la sécurité est neutralisée. EXPOSITION DANGEREUSE AU FAISCEAU.

VORSICHT: Unsichtbare Laserstrahlung, wenn Abdeckung geöffnet und Sicherheitsverriegelung überbrückt. NICHT DEM STRAHL AUSSETZEN.

PELIGRO: Cuando se abre y se invalida el bloqueo, se producen radiaciones invisibles de láser. EVÍTESE LA EXPOSICIÓN A TALES RAYOS.



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.

Drum unit

- Read the instructions on pages 12 and 13 before you begin installation of the drum unit. After you have read them, open the drum unit protection bag. The drum unit contains a photosensitive drum. Exposing it to light may damage the drum. Once you have opened the protection bag:
 - Do not expose the drum unit to light for more than 5 minutes.
 - Do not touch or scratch the green drum surface.
 - Do not place the drum unit near dust or dirt, or in a high humidity area.
 - Do not expose the drum unit to direct sunlight.

- The fuser unit gets hot. Do not touch it.

Safety instructions

CAUTION:

Installation

- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.

WARNING:

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

OTHER INFORMATION:

- Keep the unit away from electrical noise generating devices, such as fluorescent lamps and motors.
- The unit should be kept free from dust, high temperature and vibration.
- The unit should not be exposed to direct sunlight.
- Do not place heavy objects on top of this unit.
- Do not touch the plug with wet hands.

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Help

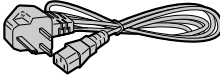

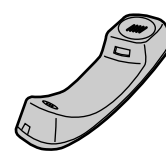
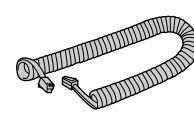
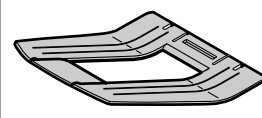
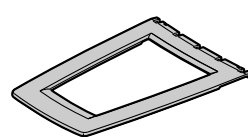
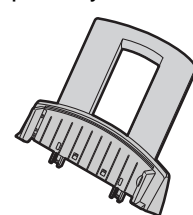

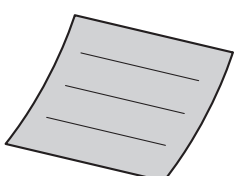
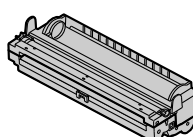
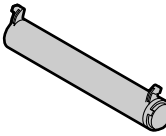
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Accessories

Included accessories

<p>Mains lead.....1</p>  <p>Order No. PFJA03A005Z</p>	<p>Telephone line cord...1</p>  <p>Order No. PQJA87S</p>	<p>Handset.....1</p>  <p>Order No. PFJXE0905Z</p>	<p>Handset cord.....1</p>  <p>Order No. PFJA1029Z</p>
<p>Paper stacker1</p>  <p>Order No. PFZX1FL501M</p>	<p>Document stacker ...1</p>  <p>Order No. PFKS1055Z</p>	<p>Paper tray1</p>  <p>Order No. PFZXFL501G</p>	<p>Operating instructions...1</p>  <p>Order No. PFQX1519Z</p>
<p>Quick Start Sheet1</p>  <p>Order No. PFQW1481Z</p>	<p>Drum unit.....1</p> 	<p>Toner cartridge.....1 (complementary starter toner cartridge)</p>  <p>This cartridge can print approx. 800 sheets of A4 size paper with a 5% image area. Refer to image area on page 78. Please purchase a replacement toner cartridge Model No. KX-FA76X for continuous use of your unit.</p>	

- If any item is missing or damaged, check with the place of purchase.
- The part numbers listed above are subject to change without notice.
- Save the original carton and packing materials for future shipping and transportation of the unit.

Accessory information

Panasonic Accessories and Consumables DIRECT

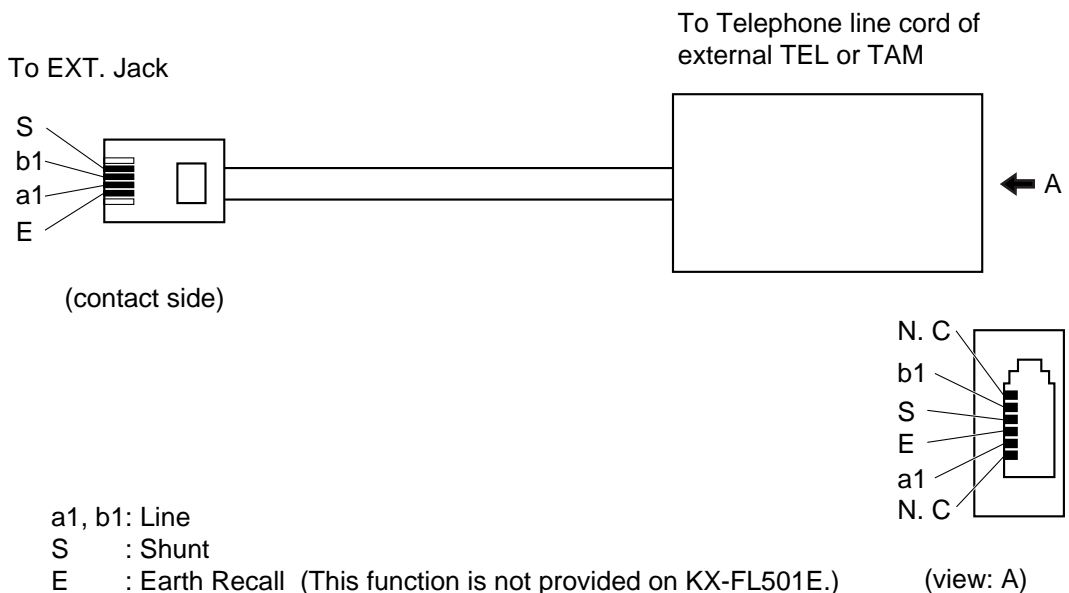
- Order accessory and consumable items for all Facsimile Products with ease and confidence either by going on line through our Internet Accessory ordering application at www.panasonic.co.uk
- Or telephone our Customer Care Centre on **08701 580560 Mon - Friday 9:00am - 5:30pm**
- Most major credit and debit cards accepted.
- All enquires transactions and distribution facilities are provided directly by Panasonic UK Ltd.
- It couldn't be simpler!

Model No.	Item	Usage	Specifications
KX-FA76X	Toner cartridge	For replacement, see page 68.	See page 78.
KX-FA77X/KX-FA78X	Drum unit	For replacement, see page 68.	See page 78.

Extension telephone adaptor for UK

When using the unit with an external answering machine (p. 44), please purchase an extension telephone adaptor by contacting one of the following:

- www.Panasonic.co.uk
- Panasonic Customer Care Centre on Telephone number 08701 580560
- local Panasonic authorised dealer



Help Button/Finding the Controls

Help function

You can print a quick reference for assistance as follows.

1 Press **HELP**.

Display: ROTATE ↻ & SET

2 Rotate **EASY DIAL** until the desired item is displayed.

1. How to set the date, time, your logo and fax number.

QUICK SET UP

2. How to program the features.

FEATURE LIST

3. How to store names in the EASY DIAL directory and how to dial them.

EASY DIAL

4. Help with problems receiving faxes.

FAX RECEIVING

5. How to use the copier function.

COPIER

6. List of available reports.

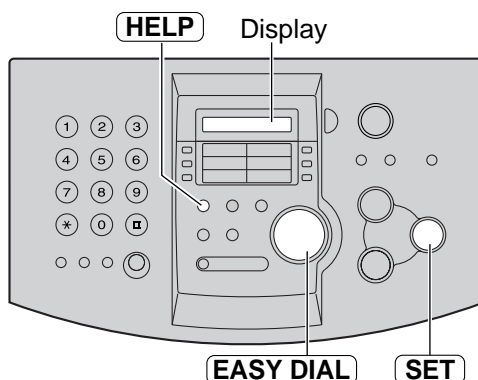
REPORTS

7. How to use the Caller ID service.

CALLER ID

3 Press **SET**.

PRINTING



Overview

Handset

- To make or answer calls.

Speaker

(Left side of the unit)

Document guides

Paper tray

Recording paper entrance

Front cover

Document entrance

Document stacker

Front cover open button

Paper stacker extender

Document exit

Recording paper exit

Paper stacker

* The document stacker and paper stacker may not be shown in all illustrations.

Location

-
- To turn on/off AUTO ANSWER (p. 40, 41).
 - To make a collated copy (p. 53).
 - To use ONE-TOUCH DIAL (p. 22, 26, 33).
 - To transmit to multiple stations (p. 36, 39).
 - To print a quick reference (p. 10).
 - To store a scanned document into memory, and then send it (p. 32).
 - To adjust volumes (p. 21).
 - To select an enlargement or reduction rate in copy mode (p. 53).
 - To select a resolution (p. 32, 52).
 - To dial without lifting the handset.
 - To access special telephone services such as call waiting or transferring an extension call (p. 21).
 - To mute your voice to the other party during a conversation. Press this button again to resume the conversation.
 - To redial the last number dialed.*
 - To insert a pause during dialling.
 - To use caller ID service (p. 28–30).
 - To store or edit names and telephone numbers (p. 22–25).
 - To search for a stored name (p. 26, 33).
 - To select the features or feature settings during programming (p. 54).
 - To confirm a stored telephone number (p. 26).
 - To initiate or exit programming.
 - To initiate fax transmission or reception.
 - To store a setting during programming.
 - To initiate copying (p. 52).
 - To stop an operation or cancel programming.
 - To select stations 6–10 for ONE-TOUCH DIAL (p. 22, 26, 33).

*If the line is busy when you make a voice call using the **MONITOR** button, the unit will automatically redial the number up to 5 times.

Setup

Toner cartridge and drum unit

Caution:

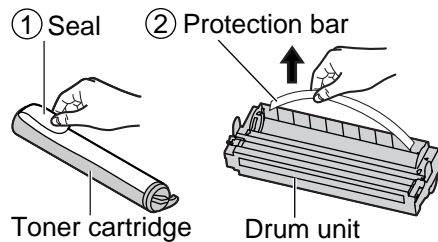
- Read the instructions below before you begin installation. After you have read them, open the drum unit protection bag. The drum unit contains a photosensitive drum. Exposing it to light may damage the drum. Once you have opened the protection bag:

- Do not expose the drum unit to light for more than 5 minutes.
- Do not touch or scratch the green drum surface.
- Do not place the drum unit near dust or dirt, or in a high humidity area.
- Do not expose the drum unit to direct sunlight.

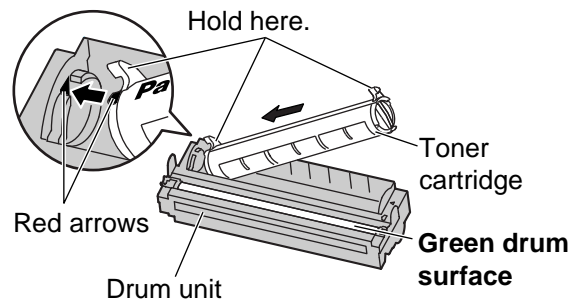
- 1** Before opening the protection bag of the new toner cartridge, shake it vertically more than 5 times.



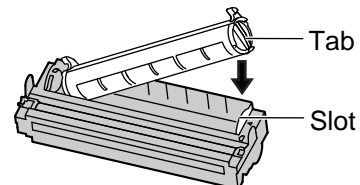
- 2** Remove the toner cartridge and drum unit from the protection bags. Peel off the seal from the toner cartridge (①). Remove the protection bar from the drum unit (②).



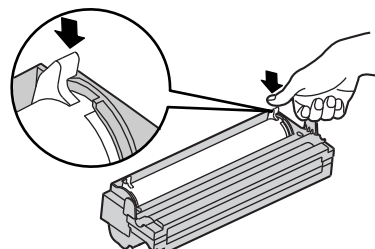
- 3** With Panasonic face up on the toner cartridge, match the red arrows on the cartridge and the drum unit.



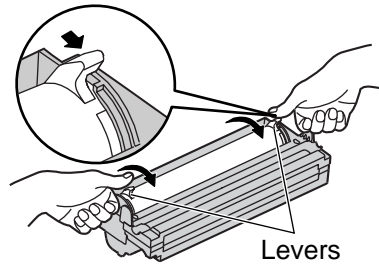
- 4** Slide the tab of the toner cartridge into the slot of the drum unit.



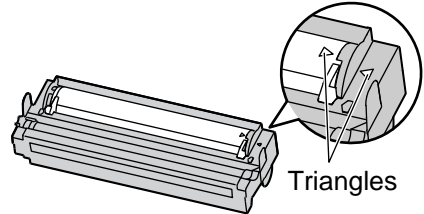
- 5a** Hold right side of the toner cartridge under the lip on the drum unit and...



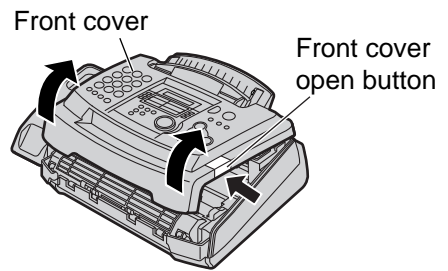
5b turn the two levers on the toner cartridge with firm pressure.



6 The toner cartridge is installed when the triangles match.

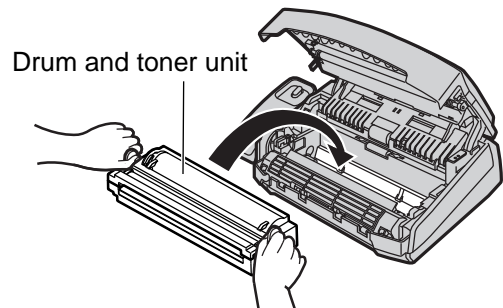
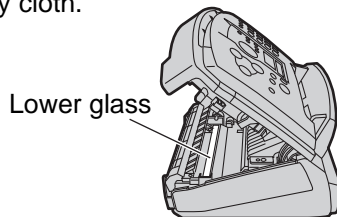


7 Push the front cover open button then open the front cover.

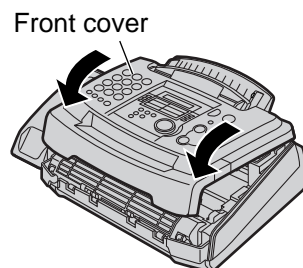


8 Install the drum and toner unit by holding the tabs.

- If the lower glass is dirty, clean it with a soft, dry cloth.



9 Close the front cover, until locked, by pushing down on both sides.



Toner save feature

- If you want to save on toner consumption, set the toner save setting to on (feature #79 on page 59). The toner cartridge will last approx. 40% longer. This feature may reduce print quality.

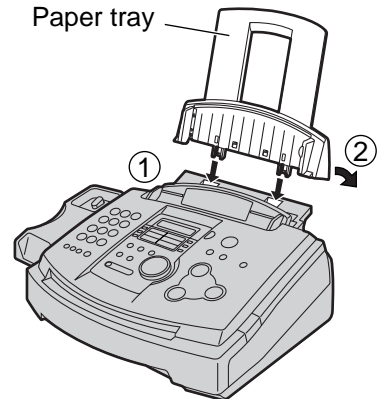
Setup

Paper tray, document stacker and paper stacker

Paper tray

Insert the paper tray into the two slots on the back of the unit (①).

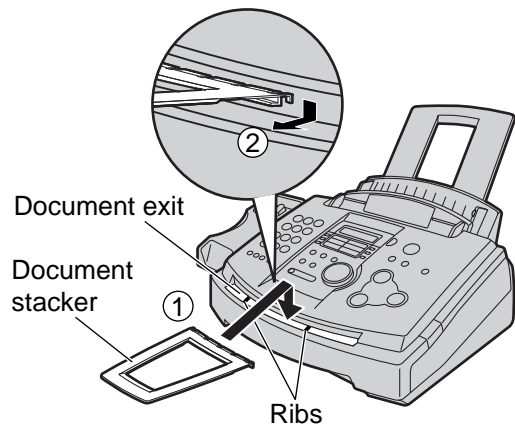
Let it lean back until it clicks into place (②).



Document stacker

Align with the ribs on the document exit (①).

Pull the document stacker forward gently until it clicks into place (②).

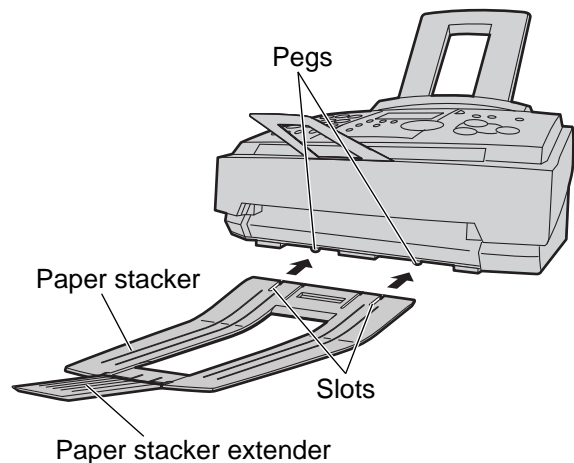


Paper stacker

Line up the slots in the paper stacker with the pegs on the bottom of the unit, then slide until locked.

Open the paper stacker extender.

- The paper stacker can hold approx. 100 sheets of printed paper. Remove the printed paper before they are filled on the paper stacker.



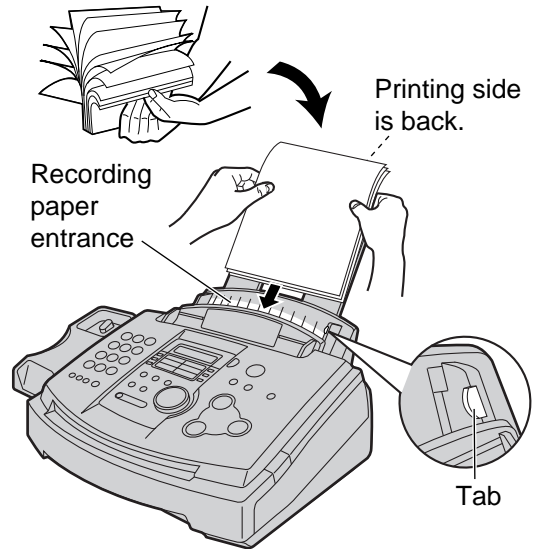
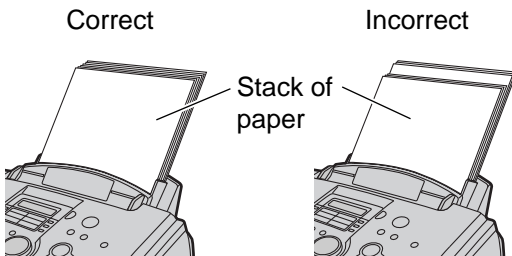
Note for installation:

- Do not place the unit in an area where the paper tray may be obstructed by a wall, etc.
- Document and recording paper will be ejected from the front of the unit. Do not place anything in front of the unit.

Recording paper

A4 size recording paper can be loaded. The unit can hold up to 150 sheets of 60 g/m² to 75 g/m² paper or 120 sheets of 90 g/m² paper.

- 1** Fan the stack of paper to prevent a paper jam.
- 2** Insert the paper into the recording paper entrance.
 - The paper should not be over the tab.
 - If the paper is not inserted correctly, readjust the paper, or the paper may jam.



Note for recording paper:

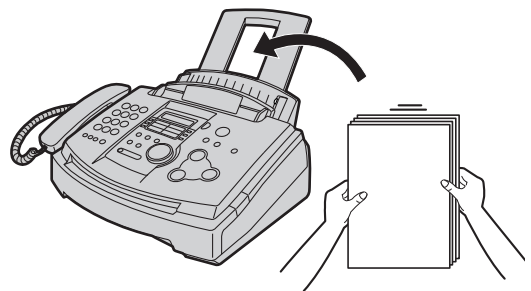
- Avoid using paper with a cotton and/or fiber content that is over 20%, such as letterhead paper or paper used for resumes.
- Do not use different types or thicknesses of paper at the same time. This may cause a paper jam.
- Avoid extremely smooth or shiny paper that is highly textured.
- Avoid paper that is coated, damaged or wrinkled.

Note:

- Avoid double-sided printing.
- Do not use paper printed from this unit for double-sided printing with other copiers or printers, or the paper may jam.
- Some paper only accepts print on one side. Try using the other side of paper if you are not happy with the print quality.

Adding paper

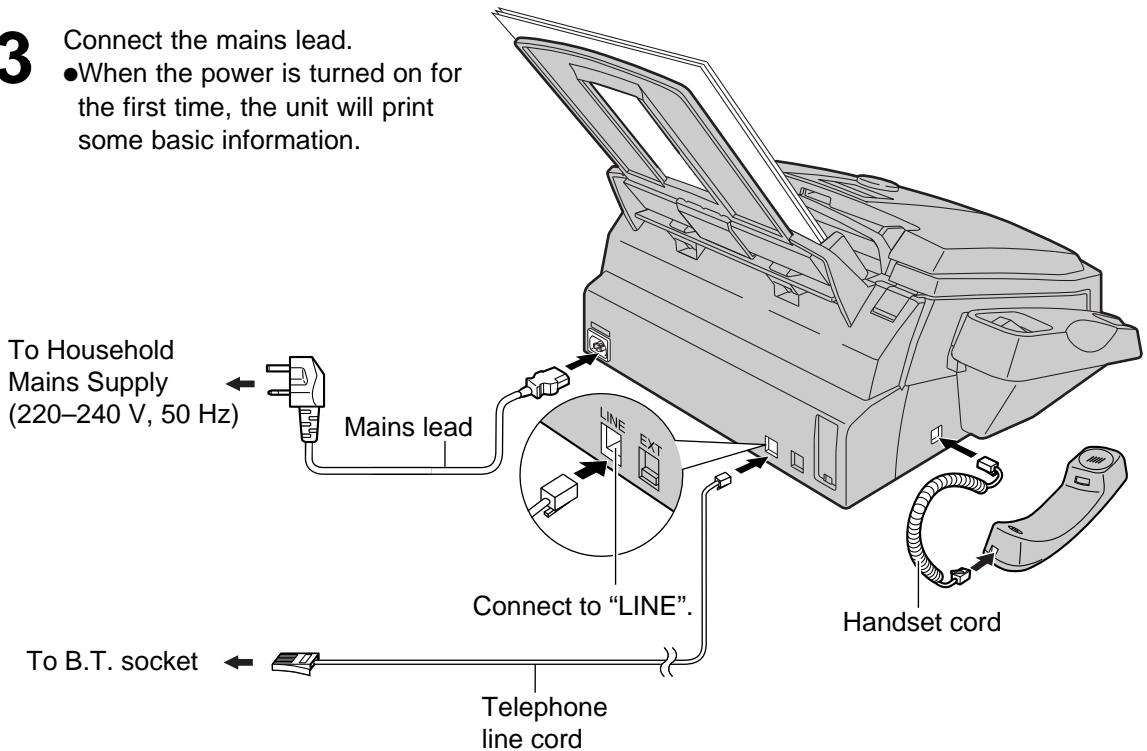
1. Remove all of the installed paper.
2. Add paper to the removed paper and straighten.
3. Fan the stack of paper.
4. Insert the paper into the recording paper entrance.



Setup

Connections

- 1 Connect the handset cord.
- 2 Connect the telephone line cord.
- 3 Connect the mains lead.
 - When the power is turned on for the first time, the unit will print some basic information.



Caution:

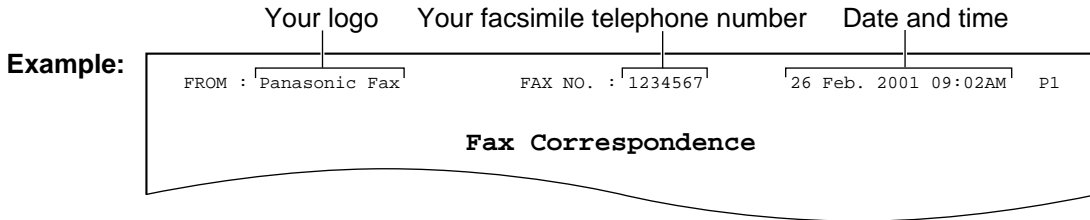
- When you operate this product, the power outlet should be near the product and easily accessible.

Note:

- You can connect an extension telephone or answering machine to the external telephone jack (EXT) on this unit (p. 44, 48).
- Telephone line connection is TNV (Telecommunication Network Voltage).

Date and time, your logo and facsimile telephone number

You should program the date and time, your logo and facsimile telephone number. This information will be printed on each page transmitted from your unit.



Setting the date and time

1 Press **MENU** .
 Display: SYSTEM SET UP

2 Press **#**, then **0 1** .
 SET DATE & TIME

3 Press **SET** .
 Example: D:01/M:01/Y:01
 Cursor

4 Enter the correct day/month/year by selecting 2 digits for each, using the dial keypad.
Example: 10 Aug., 2001
 Press **1 0 0 8 0 1** .

D:10/M:08/Y:01

5 Press **SET** .
 Example: TIME: 12:00AM

6 Enter the correct hour/minute by selecting 2 digits for each, using the dial keypad.
 Press ***** to select "AM" or "PM".
Example: 3:15PM

1. Press **0 3 1 5** .

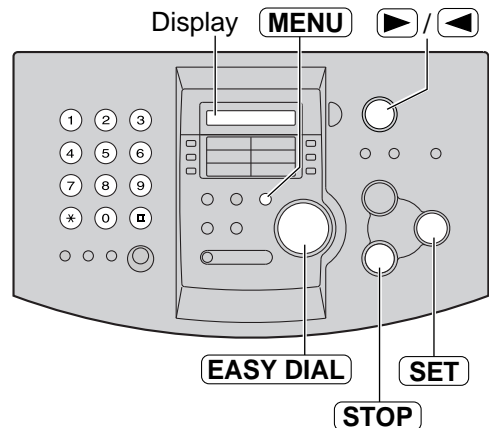
TIME: 03:15AM

2. Press ***** until "PM" is displayed.

TIME: 03:15PM

7 Press **SET** .
 SETUP ITEM []

8 Press **MENU** .



Note:

- You can enter the number by rotating **EASY DIAL** in steps 4 and 6. In this case, press **▶** to move the cursor.
- If you select "24H" for the clock display (feature #19 on page 55), the time is set using a 24 hour clock (military time).
Example: 3:15PM: Press **1 5 1 5** .
- The accuracy of the clock is approximately ± 60 seconds a month.

To correct a mistake

- Press **▶** or **◀** to move the cursor to the incorrect number, and make the correction.
- If you press **STOP** while programming, the display will return to the previous one.

Setup

Setting your logo

The logo can be your company, division or name.

1 Press **MENU** .
Display: SYSTEM SET UP

2 Press **☐** , then **0 2** .
YOUR LOGO

3 Press **SET** .
LOGO=

4 Enter your logo, up to 30 characters, using the dial keypad. See the next page for details.

Example: "Bill"

1. Press **2** twice.

LOGO=B
Cursor

2. Press **4** six times.

LOGO=Bi

3. Press **5** six times.

LOGO=Bill

4. Press **▶** to move the cursor to the next space and press **5** six times.

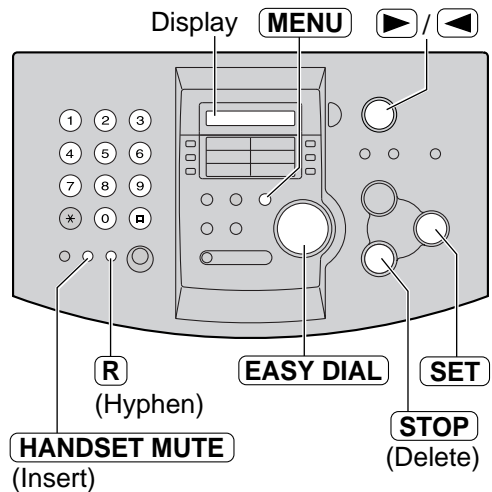
LOGO=Bill

5 Press **SET** .
SETUP ITEM []

6 Press **MENU** .

Note:

- You can enter your logo by rotating **EASY DIAL** (see the next page).



To change capital or lower case letters

Pressing the **☐** key will change to capital or lower case alternatively.

1. Press **2** twice.

Display: LOGO=B

2. Press **4** three times.

LOGO=Bi

3. Press **☐** .

LOGO=Bi

4. Press **5** three times.

LOGO=Bill

To correct a mistake

- Press **▶** or **◀** to move the cursor to the incorrect character, and make the correction.

To delete a character

- Move the cursor to the character you want to delete and press **STOP** .

To insert a character

1. Press **▶** or **◀** to move the cursor to the position to the right of where you want to insert the character.
2. Press **HANDSET MUTE** (Insert) to insert a space and enter the character.

To select characters with the dial keypad

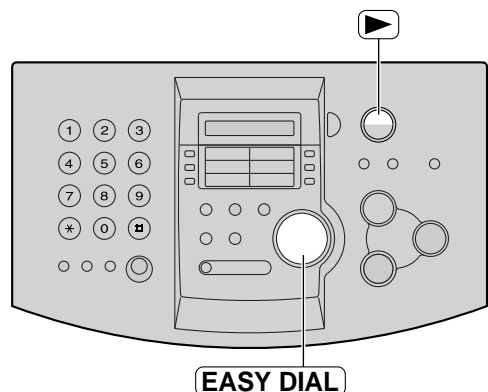
Pressing the dial keys will select a character as shown below.

Keys	Characters
①	1 [] { } + - / = , . _ ` : ; ?
②	A B C a b c 2
③	D E F d e f 3
④	G H I g h i 4
⑤	J K L j k l 5
⑥	M N O m n o 6
⑦	P Q R S p q r s 7
⑧	T U V t u v 8
⑨	W X Y Z w x y z 9
⑩	0 () < > ! " # \$ % & ¥ * @ ^ ' →
⊞	To change capital or lower case letter.
R	Hyphen button (To insert a hyphen.)
HANDSET MUTE	Insert button (To insert one character or one space.)
STOP	Delete button (To delete a character.)
▶	▶ key (To move the cursor to the right.) To enter another character using the same number key, move the cursor to the next space.
◀	◀ key (To move the cursor to the left.)

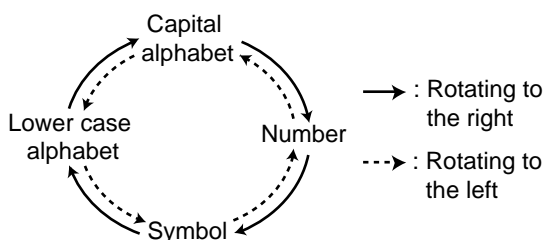
To select characters using EASY DIAL

Instead of pressing the dial keys, you can select characters using EASY DIAL.

1. Rotate **EASY DIAL** until the desired character is displayed.
2. Press ▶ to move the cursor to the next space.
 - The character displayed in step 1 is inserted.
3. Return to step 1 to enter the next character.



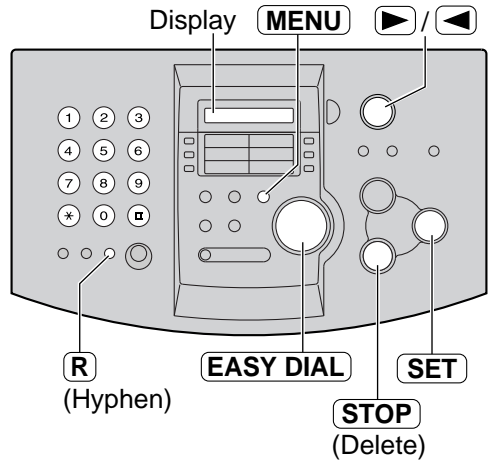
Display order of characters



Setup

Setting your facsimile telephone number

- 1 Press **MENU**.
Display:
- 2 Press **▣**, then **0 3**.
- 3 Press **SET**.
- 4 Enter your facsimile telephone number, up to 20 digits, using the dial keypad.
Example:
- 5 Press **SET**.
- 6 Press **MENU**.



Note:

- You can enter your facsimile telephone number by rotating **EASY DIAL**. If you use **EASY DIAL**, press **▶** to move the cursor.
- The ***** button replaces the digit with a "+" and the **▣** button replaces it with a space.
Example (using the dial keypad): +234 5678
Press ***234▣5678**.
- To enter a hyphen in a telephone number, press **R** (Hyphen).

To correct a mistake

- Press **▶** or **◀** to move the cursor to the incorrect number, and make the correction.



To delete a number

- Move the cursor to the number you want to delete and press **STOP**.

Adjusting volumes


Ringer volume

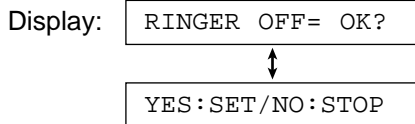
4 levels (high/middle/low/off) are available.

While the unit is idle, press  or .


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

■ To turn the ringer off:

1. Press  repeatedly until the following message is displayed.



2. Press **SET**.

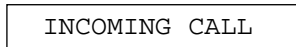
- To turn the ringer back on, press .

■ While the ringer volume is set to off:

The display will show the following message.





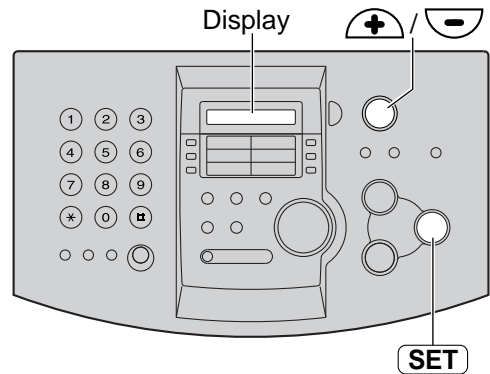
When a call is received, the unit will not ring and will display the following.



Monitor volume

8 levels (high to low) are available.

While using the monitor, press  or .



Melody ringer

- You can select one of the four melodies instead of the bell. Change the setting (feature #17 on page 55). The melody you selected will sound when the unit receives a call.

R button (to use the recall feature)

R is used to access special telephone services (optional) such as call waiting. Contact your telephone company business office for details.

Example: Call waiting

When a call waiting tone is heard during a conversation:

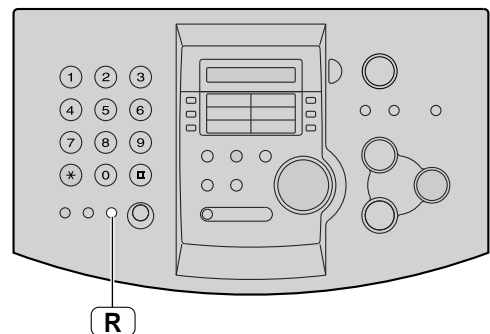
To hold the existing call and accept the waiting call

Press **R**.

- Each time you press **R**, you can switch between the first and second call.

Incoming calls cannot be dropped by the person who has received the call.

If your unit is connected to a PBX, pressing **R** allows you to access some features of your host PBX such as transferring an extension call.



Automatic Dialling

Storing names and telephone numbers in ONE-TOUCH DIAL


For rapid access to frequently dialled numbers, the unit provides 10 stations of ONE-TOUCH DIAL keys.

- ONE-TOUCH DIAL 1 to 3 can be used alternatively as broadcast keys (p. 36).

1 Press **DIRECTORY PROGRAM**.

Display: **PRESS STATION**
↓
OR USE EASYDIAL

2 For ONE-TOUCH DIAL 1–3:
Press one of the ONE-TOUCH DIAL keys.

DIAL MODE 

Press **SET** to go to the next prompt.

For ONE-TOUCH DIAL 4–5:
Press one of the ONE-TOUCH DIAL keys.

For ONE-TOUCH DIAL 6–10:
Press **LOWER**, then press one of the ONE-TOUCH DIAL keys.

3 Enter the name, up to 10 characters (see page 19 for instructions).

Example: **NAME=John**

4 Press **SET**.

Example: **<S02>=**

5 Enter the telephone number, up to 30 digits, using the dial keypad.

Example: **<S02>=1114497**

- If you want to enter a hyphen, press **R**.

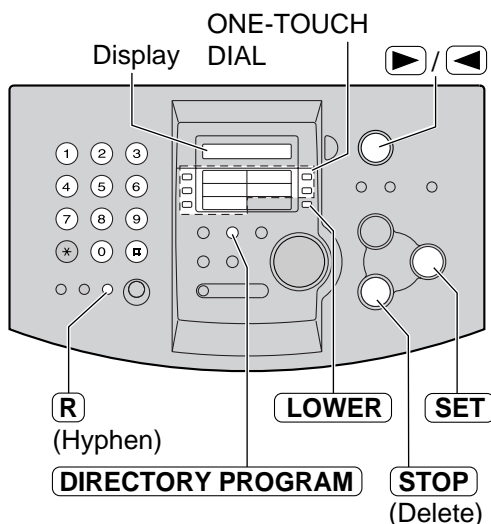
6 Press **SET**.

REGISTERED
↓
PRESS STATION
↓
OR USE EASYDIAL

- To program other stations, repeat steps 2 to 6.

7 Press **STOP** to exit the program.

- If you press **DIRECTORY PROGRAM** instead of **STOP**, you can print the one-touch label card (see right).





Helpful hint:

- You can confirm the stored items on the display (p. 26) or on the telephone number list (p. 76).

Note:

- A hyphen or a space entered in a telephone number counts as two digits.

To correct a mistake

- Press  or  to move the cursor to the incorrect character/number, and then make the correction.

To delete a character/number

- Move the cursor to the character/number you want to delete, and press **STOP**.

To print the one-touch label card with stored names

Press **DIRECTORY PROGRAM** in step 7.

Display: **PRINT LABEL OK?**
↓
YES: SET/NO: STOP

Press **SET** to start printing.

- Put the card in the ONE-TOUCH DIAL location.

Storing names and telephone numbers in EASY DIAL

For rapid access to frequently dialled numbers, the unit provides a EASY DIAL directory (100 stations).

1 Press **DIRECTORY PROGRAM** .

Display:

↓

2 Rotate **EASY DIAL** until the following is displayed.

3 Enter the name, up to 10 characters (see page 19 for instructions).

Example:

4 Press **SET** .

5 Enter the telephone number, up to 30 digits, using the dial keypad.

Example:

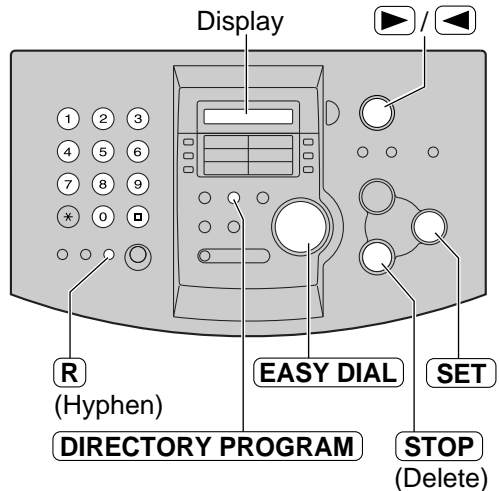
● If you want to enter a hyphen, press **R** .

6 Press **SET** .

↓

● To program other items, repeat steps 3 to 6.

7 Press **DIRECTORY PROGRAM** to exit the program.



Helpful hint:

- You can confirm the stored items on the display (p. 26) or on the telephone number list (p. 76).

Note:

- When the following message is displayed in step 6, you can store only 5 more items.

Display:

- If there is no space to store new stations, the following message is displayed in step 1.

Erase unnecessary stations (p. 25).

- A hyphen or a space entered in a telephone number counts as two digits.

To correct a mistake

- Press **▶** or **◀** to move the cursor to the incorrect character/number, and then make the correction.

To delete a character/number

- Move the cursor to the character/number you want to delete, and press **STOP** .

Automatic Dialling

Editing and erasing a stored name and number ==

Editing a stored name and number

You can edit a name or number that is stored in ONE-TOUCH DIAL and EASY DIAL.

- 1** Rotate **EASY DIAL** until the desired name is displayed.

Example:

means the station number for ONE-TOUCH DIAL

- 2** Press **DIRECTORY PROGRAM**.

- 3** Press ***** to select "EDIT".

- If you do not need to edit the name, skip to step 5.

- 4** Edit the name (see page 19 for instructions).

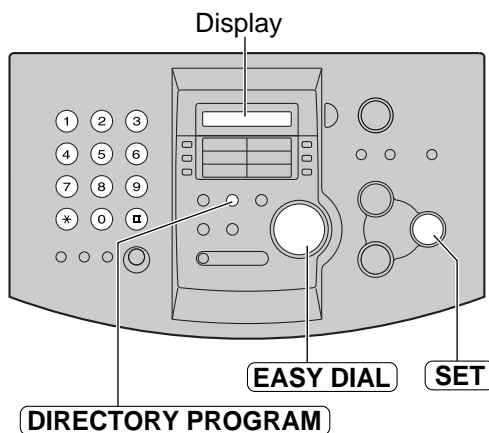
- 5** Press **SET**.

Example:

- If you do not need to edit the telephone number, skip to step 7.

- 6** Edit the telephone number. For further details, see page 23.

- 7** Press **SET**.



Erasing a stored station and item

You can erase ONE-TOUCH DIAL station and EASY DIAL item.

- 1 Rotate **EASY DIAL** until the desired name is displayed.

Example: Mary <S01>

- 2 Press **DIRECTORY PROGRAM**.

EDIT=* DELETE=#

- 3 Press **□** to select "DELETE".

DELETE OK?

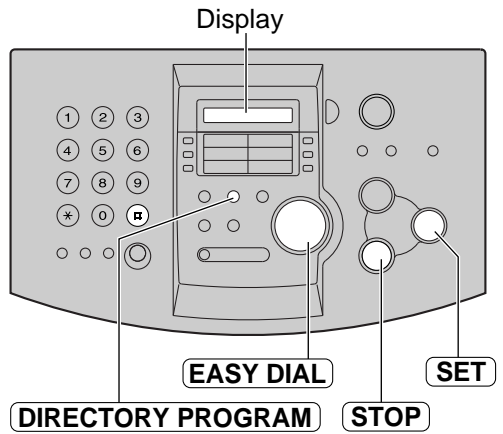


YES:SET/NO:STOP

- To cancel erasing, press **STOP**.

- 4 Press **SET**.

DELETED



Automatic Dialling

Making a voice call using ONE-TOUCH DIAL and EASY DIAL

Before using this feature, program the desired names and telephone numbers into ONE-TOUCH DIAL and EASY DIAL (p. 22, 23).

Using ONE-TOUCH DIAL

1 Press **MONITOR** or lift the handset.
Display:

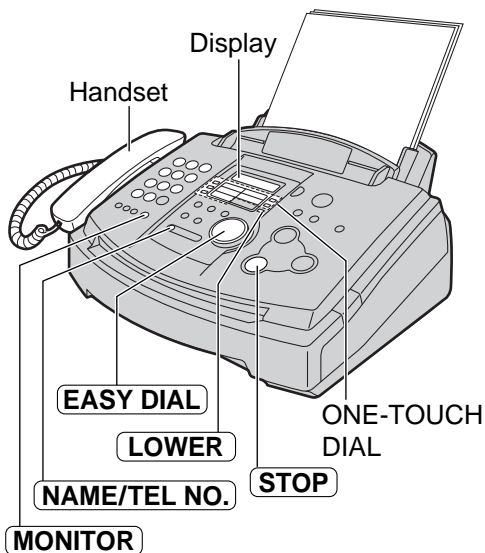
- Confirm that there are no documents in the document entrance.

2 For ONE-TOUCH DIAL 1–5:
Press the desired ONE-TOUCH DIAL key.

For ONE-TOUCH DIAL 6–10:
Press **LOWER**, then press the desired ONE-TOUCH DIAL key.

Example:

- The unit will start dialling automatically.



Using EASY DIAL

1 Rotate **EASY DIAL** until the desired name is displayed.

Example:

- If the desired name has not been stored, press **STOP** and dial the number manually.

2 Press **MONITOR** or lift the handset.
• The unit will start dialling automatically.

To confirm the stored telephone number on the display

1. Rotate **EASY DIAL** until the desired name is displayed.

Example:

means the station number for ONE-TOUCH DIAL

2. Press **NAME/TEL NO.**.

- To stop the confirmation, press **STOP**.
- To make a call, press **MONITOR** or lift the handset.

To search for a name by initial

Example: "Lisa"

1. Rotate **EASY DIAL** until any name is displayed.

Example:

2. Press **5** repeatedly until any name with the initial "L" is displayed (see the character table on page 19).

3. Rotate **EASY DIAL** to the right until "Lisa" is displayed.

- To stop the search, press **STOP**.
- To make a call, press **MONITOR** or lift the handset.

Note:

- When you want to search for symbols (not letters or numbers), press ***** in step 2.

Caller ID service from your phone company

This unit is compatible with the Caller ID service offered by your local telephone company. To use this feature, you must subscribe to the Caller ID service.

Important:

- This unit is designed in accordance with the “FSK based subscriber line protocol” under the ETS (European Telecommunication Standard) and only supports the basic CLIP (Calling Line Identification Presentation) features.
- This unit will only display the caller’s telephone number and name.
- This unit will not support future additional telephone services.
- This unit cannot support services based on the “DTMF based subscriber line protocol”.
- Depending on the service of the local telephone company, the date/time of the call or the caller’s name may not be displayed.

Set the following ring count settings to 2 or more rings beforehand.

- FAX ring count (feature #06 on page 55)
- TEL/FAX ring count (feature #78 on page 59)

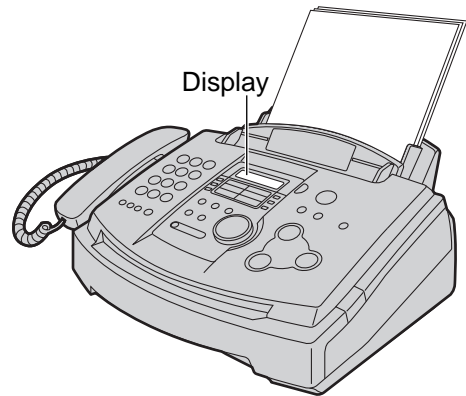
How Caller ID is displayed

The calling party’s telephone number or name will be displayed after the first ring.

You then have the option of whether or not to answer the call depending on the caller.

Example:

The unit will automatically store the caller information (telephone number, name and the time of the call). You can view the caller information (p. 28) and print the caller ID list (p. 29).



Note:

- If the unit is connected to a PBX (Private Branch Exchange) system, you may not receive the caller information. Consult your PBX supplier.
- If the unit cannot receive caller information, the unit will show the following.

The caller dialed from an area which does not provide Caller ID service.

The caller requested not to send caller information.

OR

The caller made a long distance call.

Viewing and calling back using caller information

You can easily view caller information and call back.

Important:

- Calling back will not be available in the following cases.
 - The telephone number includes data other than numbers (i.e. * or #).
 - The caller information does not include a telephone number.
- Depending on the service of the local telephone company, the date/time of the call or the caller's name may not be displayed.

- 1** Press **CALLER ID SEARCH**.
Example (2 new calls are received):

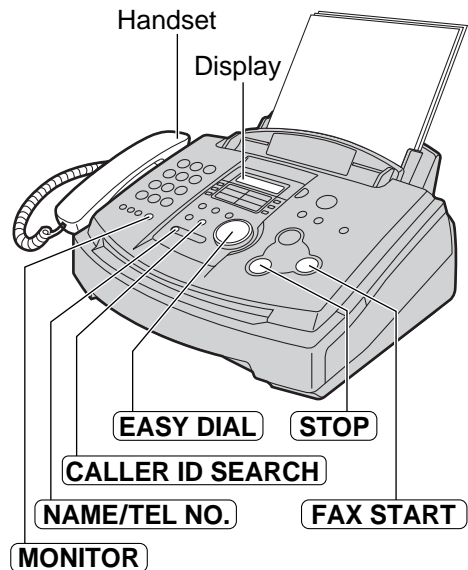
Example:



Display:

- 2** Rotate **EASY DIAL** to the right (clockwise).
- The display will show the most recent caller's number.
 - If you rotate to the left, the display will show the reviewed calls.
 - To stop viewing, press **STOP**.

- 3** Press **MONITOR** or lift the handset to make a call.
- The unit will start dialling automatically.
 - To send a fax – insert the document FACE DOWN and press **FAX START**.



To display the date/time of the call and the caller's name

Press **NAME/TEL NO.** repeatedly in step 2.

Example: → →

Note:

- If you select "24H" for the clock display (feature #19 on page 55), the time is shown using a 24 hour clock (military time).

Display while viewing

When the unit could not receive a name.

After the last new call has been displayed.

After all calls have been displayed.

When no calls have been received.

Confirming caller information using the Caller ID list

The unit will store the 30 most recent caller information.

—To print manually, see below.

—To print automatically after every 30 new calls, activate feature #26 (p. 56).

Important:

- Depending on the service of the local telephone company, the date/time of the call or the caller's name may not be displayed.

Sample of a Caller ID list

CALLER ID LIST					
					20 Mar. 2001 09:19AM
YOUR LOGO :					
YOUR FAX NO. :					
NO.	NAME	TELEPHONE NUMBER	TIME OF CALL	ANSWER	STATUS
01	WENDY ROBERTS	3456789012	14 Mar.10:30AM	FAX	!
02	ALLAN STONE	4567890123	13 Mar.08:35AM	FAX	*
03	MIKE TIMAR	9876543210	11 Mar.09:35AM	TEL	

Note:

- If you select "24H" for the clock display (feature #19 on page 55), the time is shown using a 24 hour clock (military time).

Printing and erasing the Caller ID list

- 1 Press **CALLER ID PRINT** to start printing.

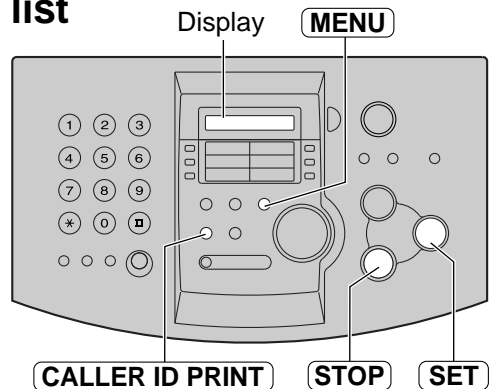
Display: PRINTING

- The display will show the following after printing.

ERASE ALL OK?



YES: SET/NO: STOP



- 2 Press **STOP** to exit the program, or press **SET** to erase all of the stored caller information.

To erase caller information without printing

1. Press **MENU** three times.

Display: CALLER SET UP

2. Press **SET**.

CALL LIST ERASE

3. Press **SET**.

ERASE ALL OK?

4. Press **SET**.

ERASE COMPLETED

5. Press **STOP** to exit the program.

- To cancel erasing, press **STOP**, then **MENU**.

Storing caller information in ONE-TOUCH DIAL and EASY DIAL

Important:

- This feature is not available in the following cases.
 - The telephone number includes data other than numbers (i.e. * or #).
 - The caller information does not include a telephone number.

1 Press **CALLER ID SEARCH**.

Example:

↑

Display:

2 Rotate **EASY DIAL** until the number you want to store is displayed.

Example:

3 Press **DIRECTORY PROGRAM**.

↑

4 For **ONE-TOUCH DIAL 1–3**:
Press the desired ONE-TOUCH DIAL key.

Press **SET**.

Example:

Press **SET**.

Example:

For **ONE-TOUCH DIAL 4–5**:
Press the desired ONE-TOUCH DIAL key.

Press **SET**.

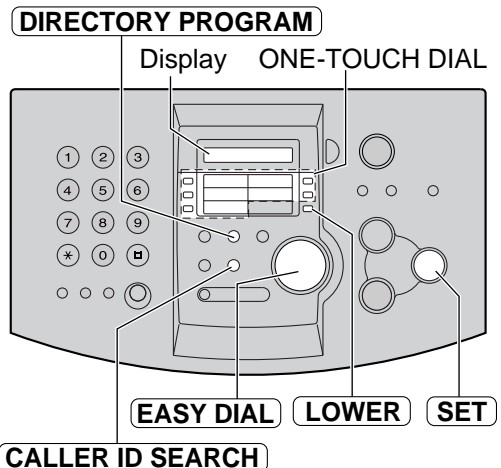
For **ONE-TOUCH DIAL 6–10**:
Press **LOWER**, then press the desired ONE-TOUCH DIAL key.

Press **SET**.

For **EASY DIAL**:
Rotate **EASY DIAL**.

Press **SET**.

5 Press **SET**.



- Note:**
- You can confirm the stored items on the display (p. 26) or on the telephone number list (p. 76).
 - You can only store a name of up to 10 characters long.
 - To edit a name and number, see page 24.
 - If you enter a new item into ONE-TOUCH DIAL, the previous entry will be overwritten.
 - If you use ONE-TOUCH DIAL 1–3 as a broadcast station, you cannot store caller information.
 - If the EASY DIAL directory is full, you cannot store caller information.
 - If you store a name in step 4, the name will be shown when using ONE-TOUCH DIAL or EASY DIAL. However, the name will not be displayed when the same caller calls unless the Caller ID service offers the name service.

Talking to the other party after fax transmission or reception

You can talk to the other party after a fax message is completed. This will save the added expense and time of making another call.

This feature only works when the other party's fax machine is equipped with a voice contact feature.

Initiating voice contact

- 1 Press **MONITOR** while transmitting or receiving documents.

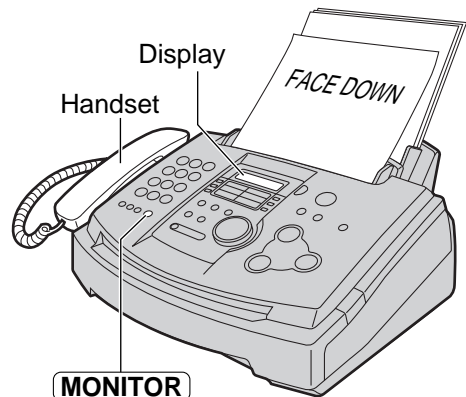
Display: VOICE STANDBY

- Your unit will call the other party with a distinctive ring.
- When the other party answers, your unit will emit a distinctive ring.

- 2 Lift the handset to start talking.

Note:

- If you initiate voice contact during transmission, the unit will call you with a distinctive ring after all of the documents have been transmitted.
- If you initiate voice contact during reception, the unit will call you with a distinctive ring after the current page of the document has been received.



Receiving a request for voice contact

- 1 If the other party initiates voice contact, your unit will sound a distinctive ring and the following will be displayed.

PLEASE PICK UP

- 2 Lift the handset within 10 seconds of the distinctive ring to start talking.

Note:

- If you do not answer within 10 seconds of the distinctive ring, the line will be disconnected.

Sending Faxes

Sending a fax manually

- 1 Adjust the width of the document guides to the size of the document.
- 2 Insert the document (up to 15 pages) **FACE DOWN** until the unit grasps the document and a single beep is heard.

Display:

- 3 If necessary, press **RESOLUTION** repeatedly to select the desired setting (see below).

- 4 Press **MONITOR** or lift the handset.

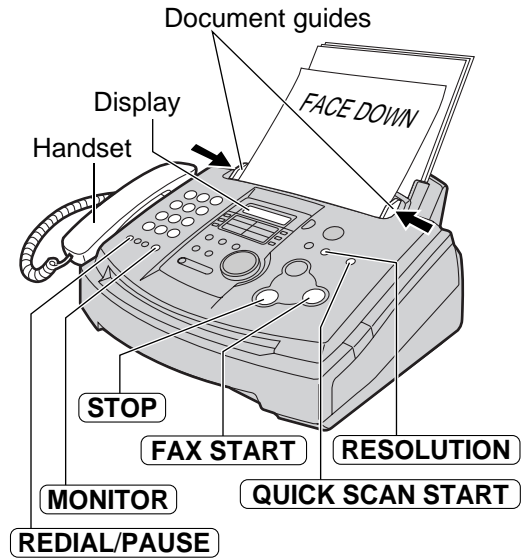
- 5 Dial the fax number.

Example:

- 6 **When the fax tone is heard:**

Press **FAX START**, and replace the handset if you are using it.
OR

When the other party answers your call:
Using the handset, ask them to press their start button. When the fax tone is heard, press **FAX START** and replace the handset.



To stop transmission

Press **STOP**.

To redial the last number

Press **REDIAL/PAUSE**.

- If the line is busy, the unit will automatically redial the number up to 5 times.
- During redial, the following will be displayed.

Display:

- To cancel redialing, press **STOP**.

Convenient way to send a fax

You can dial the fax number first before inserting the document. This is convenient if the other party's number is indicated on the document.

1. Enter the fax number.
 - The handset must be on the cradle.
2. Insert the document.
3. Press **FAX START**.

To select the resolution

Select the desired resolution according to the type of document.

STANDARD: For printed or typewritten originals with normal-sized characters.

FINE: For originals with small printing.

SUPER FINE: For originals with minute printing.

PHOTO: For originals containing photograph.

PHOTO WITH TEXT: For originals containing photograph and text.

- Using the "FINE", "SUPER FINE", "PHOTO" or "PHOTO WITH TEXT" setting will increase transmission time.
- If the resolution setting is changed during feeding, it will be effective from the next sheet.
- The "SUPER FINE" resolution only works with other compatible fax machines.

Sending from memory

You can press **QUICK SCAN START** instead of **FAX START** to scan the document into memory before sending. After storing, the unit will transmit the document.

- If the document exceeds the memory capacity (p. 77), sending will be cancelled.

Sending a fax using ONE-TOUCH DIAL and EASY DIAL

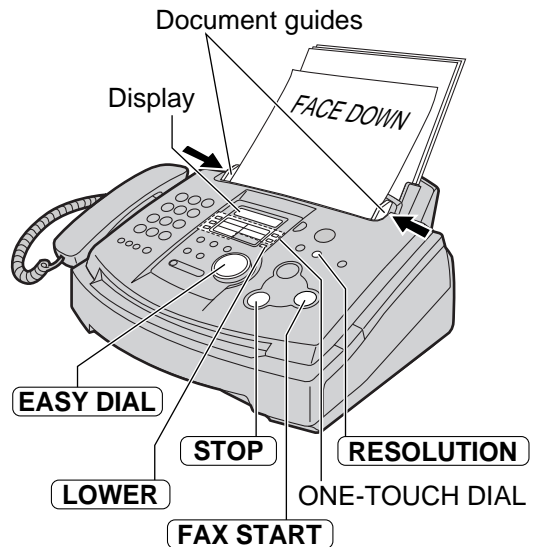
Before using this feature, program the desired names and telephone numbers into ONE-TOUCH DIAL and EASY DIAL (p. 22, 23).

- 1 Adjust the width of the document guides to the size of the document.
- 2 Insert the document (up to 15 pages) **FACE DOWN** until the unit grasps the document and a single beep is heard.

Display:

- 3 If necessary, press **RESOLUTION** repeatedly to select the desired setting (p. 32).
- 4 Enter the fax number.
Using ONE-TOUCH DIAL 1–5:
Press the desired ONE-TOUCH DIAL key.
Using ONE-TOUCH DIAL 6–10:
Press **LOWER**, then press the desired ONE-TOUCH DIAL key.

Using EASY DIAL :
Display the desired name and press **FAX START**.



Fax auto redial

If the line is busy or if there is no answer, the unit will automatically redial the number up to 5 times.

- This feature is also available for delayed transmission (feature #25 on page 56).
- During redial, the following will be displayed.

Display:

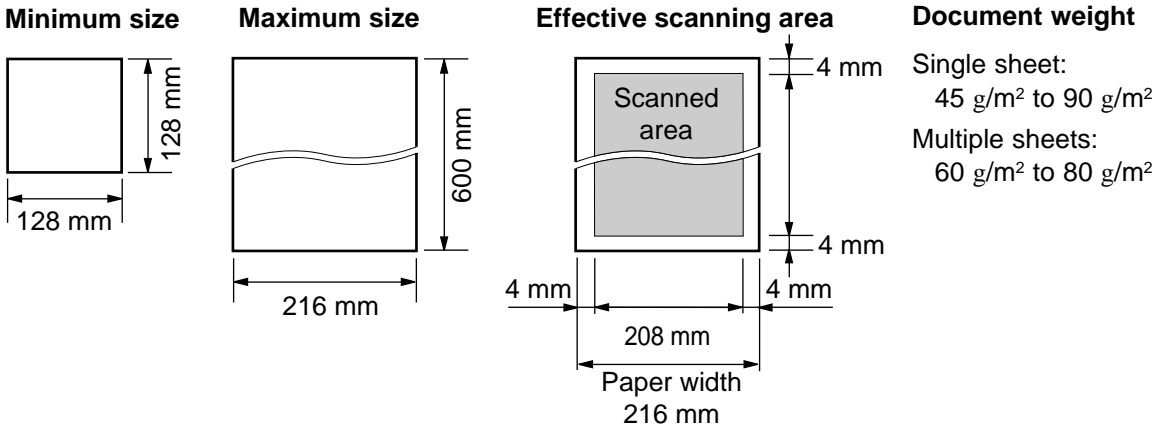
- To cancel redialing, press **STOP**.

If your unit does not send a fax

- Confirm the stored telephone number on the display and check that the number dialled is answered by the other party's machine (p. 26).
- The connecting tone will be heard during dialling to tell you the status of the other party's machine (feature #76 on page 58).

Sending Faxes

Documents you can send



Note:

- Remove clips, staples or other similar fasteners.
- Check that ink, paste or correction fluid has dried.
- Do not send the following types of documents. Use copies for fax transmission.
 - Chemically treated paper such as carbon or carbonless duplicating paper
 - Electrostatically charged paper
 - Heavily curled, creased or torn paper
 - Paper with a coated surface
 - Paper with a faint image
 - Paper with printing on the opposite side that can be seen through the front (e.g. newspaper)

To transmit more than 15 pages at a time

- Insert the first 15 pages of the document. Add the extra pages (up to 15) before the last page is fed into the unit.

Reports for confirmation

To confirm the communication results, the following reports are available.

Sending report

This report will provide you with a printed record of transmission results. To use this feature, activate feature #04 (p. 55).

Sample of a sending report

SENDING REPORT									
20 Jan. 2001 09:19AM									
YOUR LOGO :									
YOUR FAX NO. :									
NO.	OTHER FACSIMILE	START TIME	USAGE TIME	MODE	PAGES	RESULT	*CODE		
01	2345678	20 Jan.09:18AM	00'51	SND	00	COMMUNICATION ERROR	43		

Communication message (p. 60) Error code

Note:

- If you select "24H" for the clock display (feature #19 on page 55), the time is shown using a 24 hour clock (military time).

Journal report

The unit stores the 30 most recent fax communication results. When a new communication occurs, the oldest communication result will be erased.

—To print manually, see page 76.

—To print automatically after every 30 new fax communications, activate feature #22 (p. 56).

Sample of a journal report

JOURNAL									
25 Jan. 2001 11:22AM									
YOUR LOGO :									
YOUR FAX NO. :									
NO.	OTHER FACSIMILE	START TIME	USAGE TIME	MODE	PAGES	RESULT	*CODE		
01	3332222	21 Jan.07:14AM	00'45	SND	01	OK			
02	9998765	21 Jan.08:17AM	00'58	SND	02	OK			
03	2345678	21 Jan.09:18AM	00'48	RCV	01	OK			
04	55556666	21 Jan.09:25AM	02'45	SND	03	COMMUNICATION ERROR	43		
				SND	05	OK			
				SND	02	OK			

Communication message (p. 60) Error code

Note:

- If you select "24H" for the clock display (feature #19 on page 55), the time is shown using a 24 hour clock (military time).

Sending Faxes

Broadcast transmission

This feature is useful for sending the same document often to selected parties (up to 20 stations). First program the stations, then see page 39 for transmission.

- The broadcast function utilises ONE-TOUCH DIAL 1–3. The one-touch dial function will be cancelled.
- BROADCAST key 1 and 2 can accept ONE-TOUCH DIAL and EASY DIAL entries. MANUAL BROADCAST key can also accept manual dialling entries.

Programming the stations

1 Press **DIRECTORY PROGRAM**.

Display:

↓

2 For **BROADCAST 1–2**:
Press the desired **BROADCAST** key.

Rotate **EASY DIAL** to select "BROADCAST".

Example:

For MANUAL BROADCAST:

Press **MANUAL BROAD**.

Rotate **EASY DIAL** to select "MANUAL BROADCAST".

3 Press **SET**.

4 Enter stations.
Using **ONE-TOUCH DIAL 1–5**:
Press the desired ONE-TOUCH DIAL key.

Example:

Using **ONE-TOUCH DIAL 6–10**:
Press **LOWER**, then press the desired ONE-TOUCH DIAL key.

Example:

Using **EASY DIAL** :
Display the desired name and press **SET**.

Example:

↓

Using the dial keypad (only for MANUAL BROADCAST):

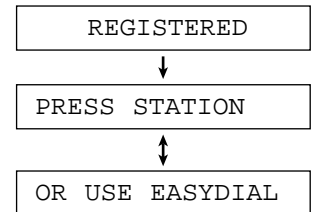
Enter the fax number and press **SET**.

Example:

↓

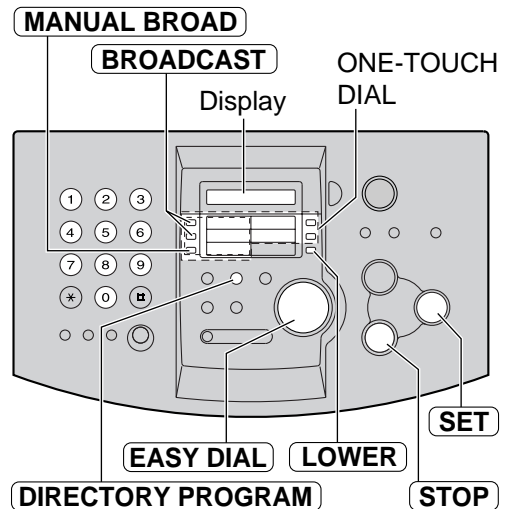
- To enter other stations, repeat this step (up to 20 stations).

5 Press **SET** after programming all of the desired stations.



- To program another broadcast key, repeat steps 2 to 5.

6 Press **STOP** to exit the program.



Note:

- If you enter the wrong station, press **STOP** after step 4 to erase the station.
- Confirm the stored items by printing a broadcast programming list (p. 76).

Adding a new station

1 Rotate **EASY DIAL** until the desired key name is displayed.

Example:

2 Press **DIRECTORY PROGRAM** .

3 Press ***** to select "ADD".

4 Rotate **EASY DIAL** until the desired name you want to add is displayed (only using EASY DIAL is available).

Example (EASY DIAL):

Example (ONE-TOUCH DIAL-2):

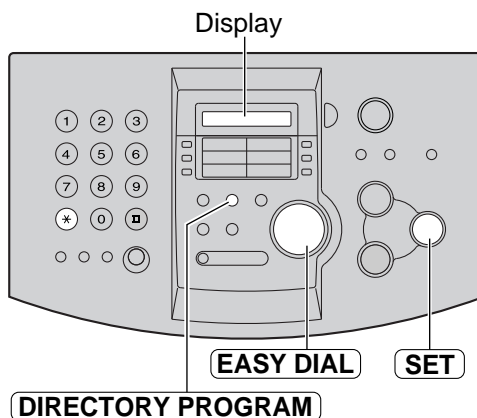
5 Press **SET** .



Example:

•To add other stations, repeat steps 4 and 5 (up to 20 stations).

6 Press **DIRECTORY PROGRAM** to exit the program.



Sending Faxes

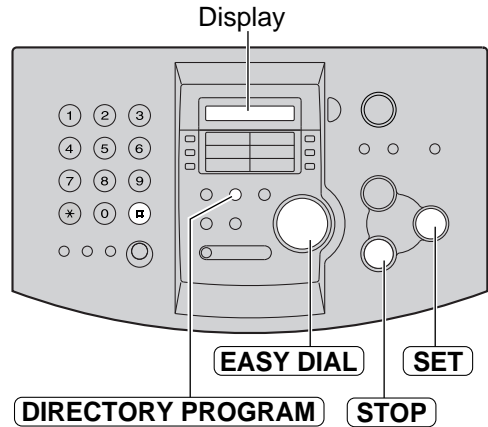
Erasing a stored station

- 1** Rotate **EASY DIAL** until the desired key name is displayed.
Example:
- 2** Press **DIRECTORY PROGRAM** .
- 3** Press **#** to select "DELETE".
- 4** Rotate **EASY DIAL** until the desired station you want to erase is displayed.
Example (EASY DIAL):

Example (ONE-TOUCH DIAL-3):
●To cancel erasing, press **STOP** .
- 5** Press **SET** .

↕
- 6** Press **SET** .

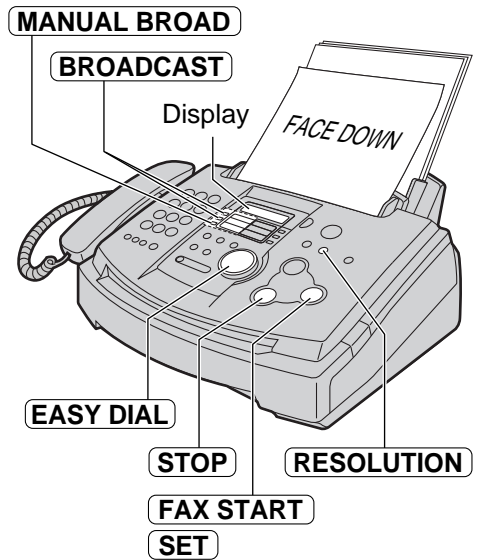
↓
Example:
●To delete other stations, repeat steps 4 to 6.
- 7** Press **DIRECTORY PROGRAM** to exit the program.



Sending the same document to pre-programmed parties

- 1** Insert the document **FACE DOWN**.
 - If necessary, press **RESOLUTION** repeatedly to select the desired setting (p. 32).
- 2** Press the desired **BROADCAST** (1–2) or **MANUAL BROAD**.
 - You can also use **EASY DIAL**. Display the desired key name, and press **FAX START**.

Example: <BROADCAST1>
 - The document will be fed into the unit and scanned into memory. The unit will then transmit the data to each station, calling each number sequentially.
 - After transmission, the stored document will be erased automatically, and the unit will automatically print a broadcast sending report (see below).



Note:

- If one of the stations is busy or does not answer, the station will be skipped. All skipped stations will be redialled up to 5 times after all of the other stations have been called.

To cancel the broadcast setting

1. Press **STOP** while the unit displays the following message.

Display: BROADCASTING

- The display will show the following.

SEND CANCELLED?
 ↓
YES: SET/NO: STOP

2. Press **SET**.

Sample of a broadcast sending report

BROADCAST REPORT 1						
						10 Jan. 2001 09:36AM
						YOUR LOGO :
						YOUR FAX NO. :
NO.	OTHER FACSIMILE	START TIME	USAGE TIME	PAGES	RESULT	
01	Mike	10 Jan.09:31AM	01'10	02	OK	
02	Peter	10 Jan.09:33AM	01'08	02	OK	
03	Sam	10 Jan.09:34AM	01'09	02	OK	
04	Kim	10 Jan.09:35AM	01'10	02	OK	
TOTAL			004'37	008		

Note:

- If you select "24H" for the clock display (feature #19 on page 55), the time is shown using a 24 hour clock (military time).

Receiving Faxes

Setting the unit to receive faxes

Use only as a fax

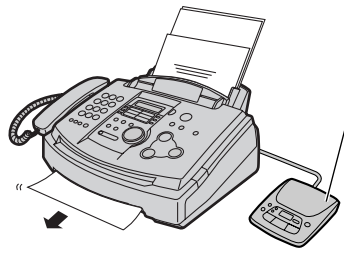
With answering machine

How you want the unit to receive calls



You have a separate telephone line just for faxes.

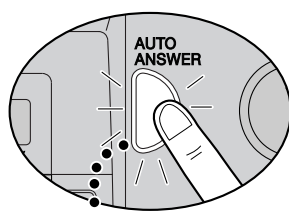
External telephone answering machine (not included)



You want to use the fax machine with an answering machine.

You have to set this.

FAX ONLY mode (p. 43)
Turn AUTO ANSWER on by pressing **AUTO ANSWER**.



ON

Activating an answering machine (p. 44)
Connect an external telephone answering machine and set the ring count of the answering machine to less than 4.

- Set the ring count in FAX ONLY mode of the fax machine to more than 4, if you use with AUTO ANSWER on.

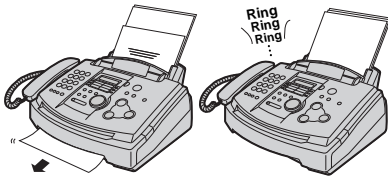
This is how the unit will operate.

When receiving calls:
All incoming calls will be answered as faxes.

When receiving voice calls:
The answering machine will record voice messages.

When receiving fax calls:
The fax machine will disconnect the answering machine and receive documents.

Use as telephone/ automatic fax

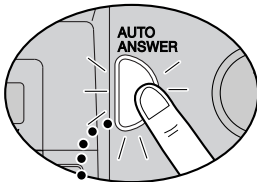


You want to answer the voice call yourself and receive fax calls without rings.

TEL/FAX mode (p. 46)

Set feature #77 to "TEL/FAX" (p. 59).

Turn AUTO ANSWER on by pressing **AUTO ANSWER**.



ON

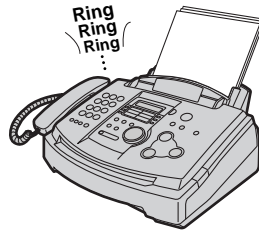
When receiving voice calls:

The unit will ring.

When receiving fax calls:

The unit will receive fax documents without ringing.

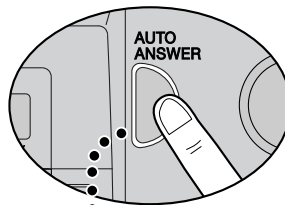
Mostly voice calls



You plan to answer the calls yourself.

TEL mode (p. 42)

Turn AUTO ANSWER off by pressing **AUTO ANSWER**.



OFF

When receiving calls:

You have to answer all calls manually.

To receive a fax document, press **FAX START** for each fax call.

Other options

With a PC

If you have a computer attached to the same telephone line, see page 48.

Remote fax activation

You can also receive a fax using an extension telephone. While hearing a fax calling tone with an extension telephone, press

*** 9**

(pre-selected fax activation code) to receive a fax (p. 48).

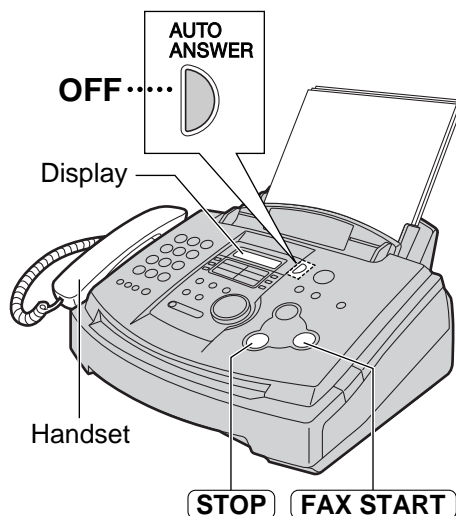
Receiving Faxes

TEL mode (answering all calls manually)

Activating TEL mode

If the AUTO ANSWER light is on, turn it off by pressing **AUTO ANSWER**.

Display: TEL MODE



Receiving a fax manually

- 1 When the unit rings, lift the handset to answer the call.
- 2 When:
 - document reception is required,
 - a fax calling tone (slow beep) is heard, or
 - no sound is heard,press **FAX START**.

CONNECTING.....

- 3 Replace the handset.
 - The unit will start fax reception.

To stop receiving

Press **STOP**.

Friendly reception feature

When you answer a call and hear a fax calling tone (slow beep), the unit will automatically start fax reception.

- If this feature is not required, set feature #46 to off (p. 57).

Auto reduction feature

If the other party sends a document that is longer than your recording paper, your unit will reduce the receiving document to the proper size and print it. If you want to print the original size, set feature #37 to off (p. 57).

Fax reception in memory

When a printing problem is detected, the unit will temporarily store the received document into memory.

While the document is in memory:

—the display will show an error message and the following message alternately,

Display: FAX IN MEMORY

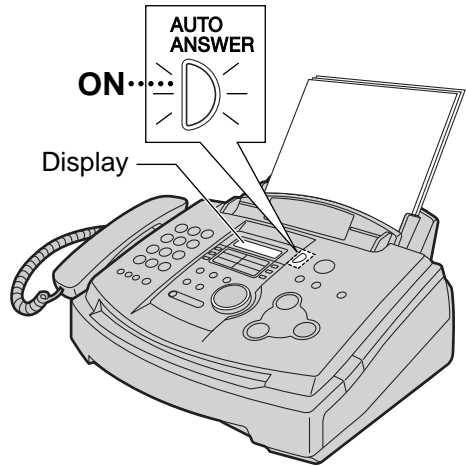
—slow beeps will sound if feature #44 is set to on (p. 57).

- Follow the instructions on pages 61 and 62 to solve the problem.
- For memory capacity, see page 77.

FAX ONLY mode (all calls are received as faxes)

Activating FAX ONLY mode

- 1 Set feature #77 to "FAX ONLY" (p. 59).
- 2 If the AUTO ANSWER light is off, turn it on by pressing **AUTO ANSWER** .
Display: FAX ONLY MODE
 - The unit will automatically answer all calls and only receive fax documents.

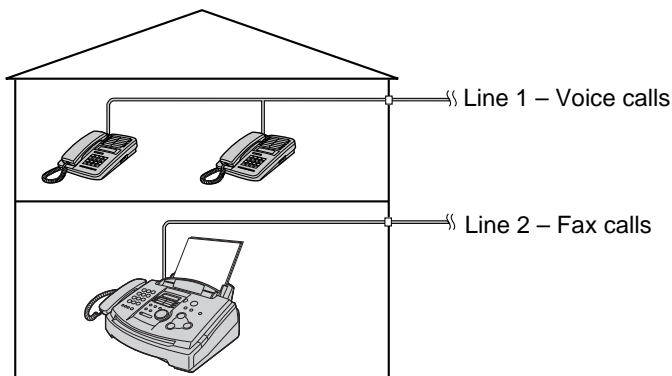


Note:

- The number of rings before a call is answered in the FAX ONLY mode can be changed (feature #06 on page 55).
- This mode should not be used with a telephone line which is used for both voice and fax calls. Fax communication will be attempted even if someone is trying to call you.

If you have a telephone line just for faxes, we recommend the following setup.

Example: One telephone line is used for voice calls and a separate telephone line for faxes.



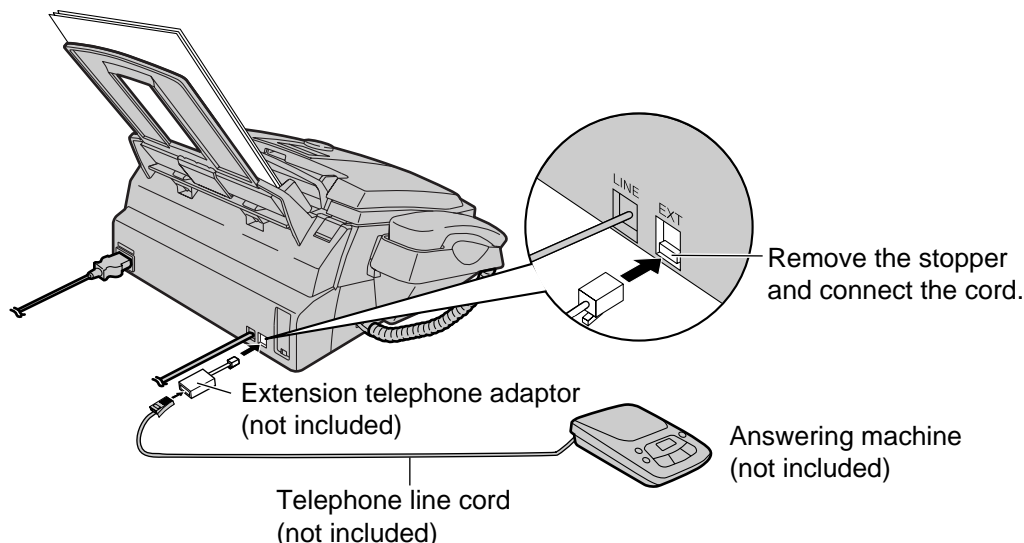
Only a fax machine is connected.

Receiving Faxes

Using the unit with an answering machine

Setting up the fax machine and an answering machine

- 1 Connect the answering machine.



- 2 Set the number of rings on the answering machine to less than 4.
 - This will allow the answering machine to answer the call first.
- 3 Record a greeting message on the answering machine.

Example: *"This is (your name, business and/or telephone number). We are unable to answer the phone right now. To send a fax, start transmission. To leave a message, please speak after the beep. Thank you."*

 - We recommend you record your message around 10 seconds long and not to pause for more than 4 seconds during the message. Otherwise, both machines will not function correctly.
- 4 Activate the answering machine.
- 5 Set the receive mode of the fax machine to TEL mode (p. 42) or FAX ONLY mode (p. 43).
 - If you set to FAX ONLY mode, **set the ring count in FAX ONLY mode to more than 4 (feature #06 on page 55)**. Using FAX ONLY mode will allow you to receive faxes if the answering machine is full.
- 6 Check the remote access code of the answering machine and program the same code into the remote operation ID of the fax machine. See feature #12 on page 55.

How the fax machine and answering machine work

Receiving voice calls

The answering machine will record voice messages automatically.

Receiving fax calls

The fax machine will receive documents automatically when the machine detects a fax calling tone.

Receiving a voice message and fax document in one call

The answering machine will record the voice message first. The fax machine will then be activated by the caller's request and will receive the document.

Note:

- Every time the fax machine receives a document, a silent pause or fax tone may be recorded on the answering machine.

Receiving a voice message and fax document in one call

The caller can leave a voice message and send a fax document during the same call. Inform the caller of the following procedure beforehand.

1. The caller calls your fax machine.
 - The answering machine will answer the call.
2. The caller can leave a message after the greeting message.
3. The caller presses ***9** (pre-selected fax activation code).
 - The fax machine will activate the fax function.
4. The caller presses the start button to send a document.

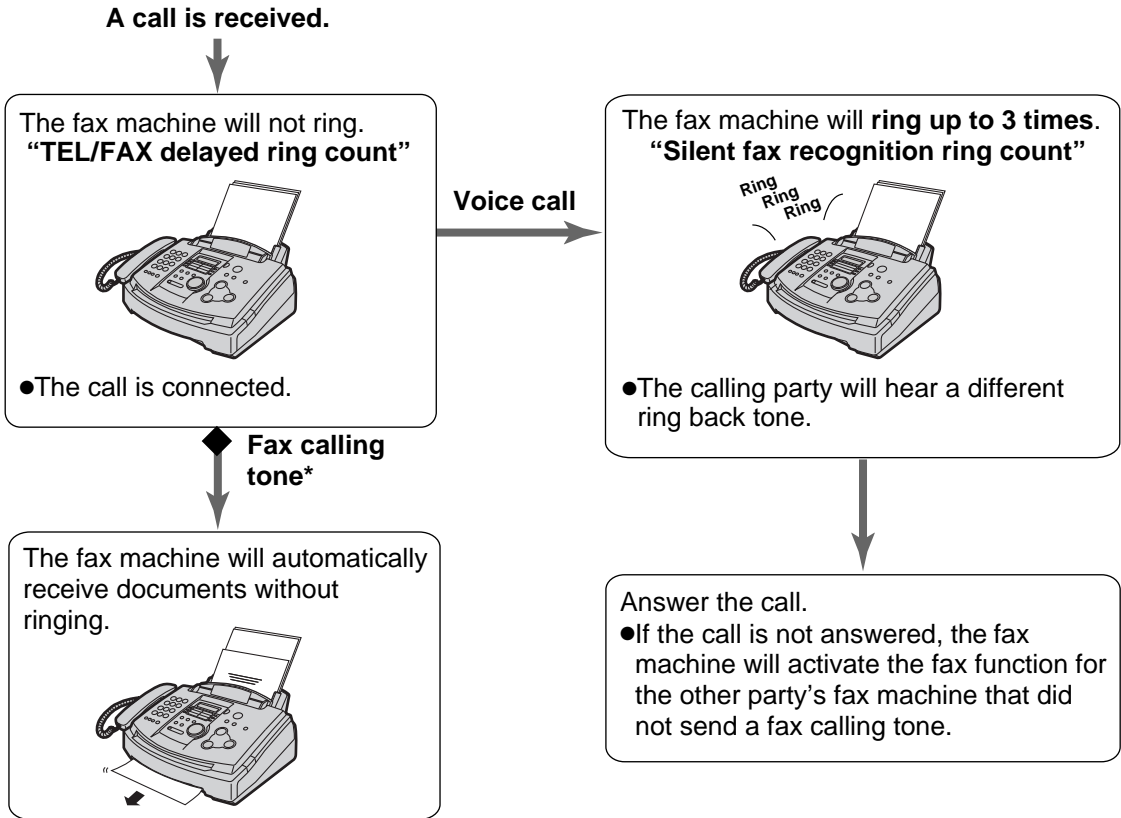
Note:

- The fax activation code can be changed in feature #41 (p. 57).
- If the wrong fax activation code is entered, the caller must wait at least 5 seconds to reenter the correct code.

Receiving Faxes

TEL/FAX mode (receiving voice calls with rings and fax calls without rings when you are near the unit)

Use this mode when you are always near the fax machine, and want to receive faxes without the unit ringing. When a call is received, the fax machine will work as follows. To set TEL/FAX mode, see below.



* A fax calling tone is automatically generated by the sending fax machine. Some fax machines do not have this capability.

Note:

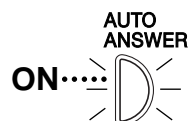
- The fax machine will display the following when a call is received.

Display: INCOMING CALL

- The ringer should be on (p. 21).

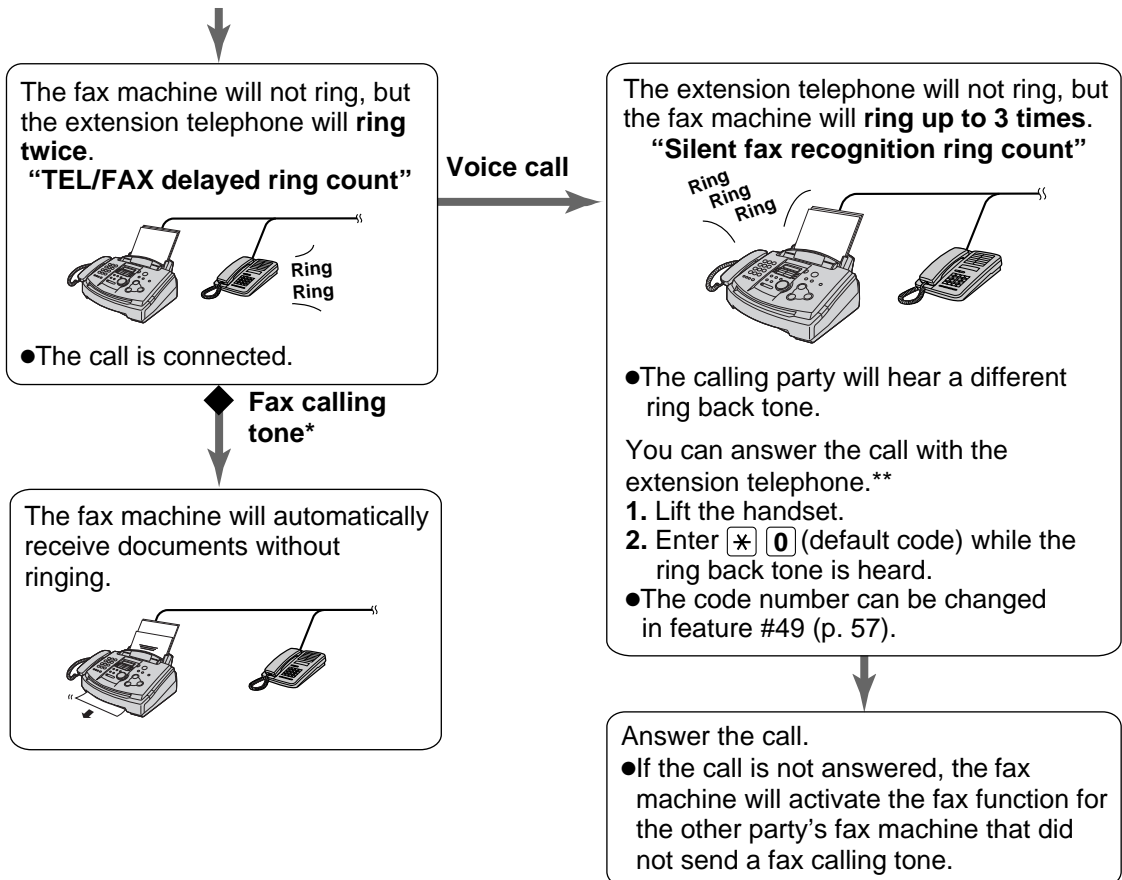
To set TEL/FAX mode

1. Set feature #77 to “TEL/FAX” (p. 59).
2. If the AUTO ANSWER light is off, turn it on by pressing AUTO ANSWER.



When an extension telephone is connected

A call is received.



* A fax calling tone is automatically generated by the sending fax machine. Some fax machines do not have this capability.

** This feature may not function depending on the type of an extension telephone. If the fax machine activates the fax function, press **STOP** on the fax machine in step 2 to talk with the calling party.

TEL/FAX delayed ring count

The number of rings generated before the fax machine answers depends on the setting of feature #78 on page 59. The fax machine will not generate an audible ring during this time.

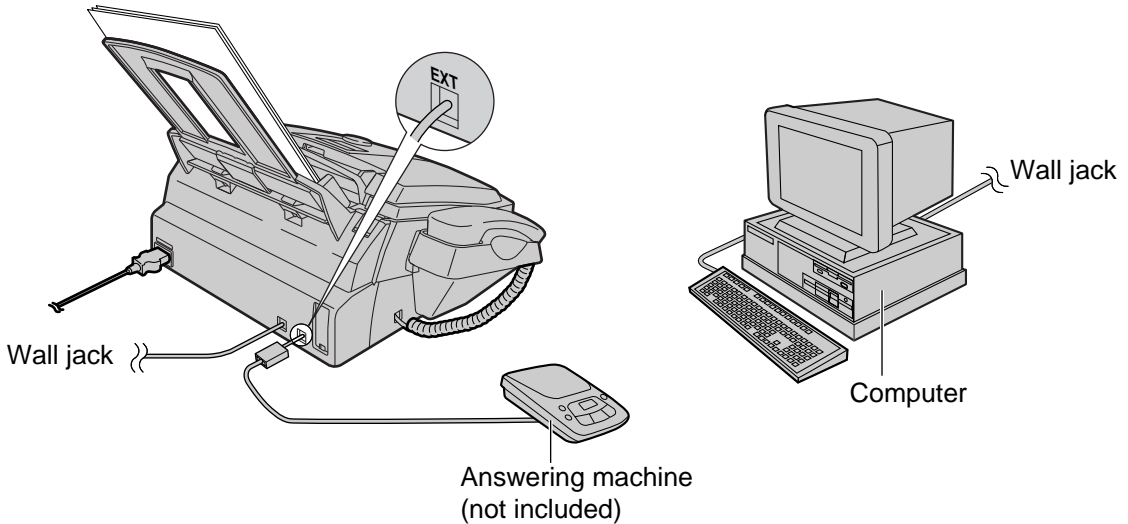
Silent fax recognition ring count

The fax machine generates audible rings to indicate that it is receiving a voice call. The number of rings generated depends on the setting of feature #30 on page 57. This signal will not ring at an extension telephone.

Receiving Faxes

Using the unit with a computer

We recommend that you always connect the fax machine directly to the wall jack.



Note:

- Set the fax machine to TEL mode.
- The device which has the shortest ring count will answer a call first.
- If you use your computer as an answering machine, connect the telephone line cord from the EXT jack to the computer.

Extension telephone

If you use the fax machine with an extension telephone, you can receive fax documents using the extension telephone. You do not have to press **FAX START** on the fax machine.

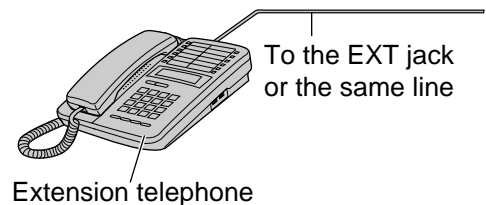
Important:

- Use a touch tone telephone as the extension telephone and enter the fax activation code **firmly**.

1 When the extension telephone rings, lift the handset of the extension telephone.

2 When:
—document reception is required,
—a fax calling tone (slow beep) is heard, or
—no sound is heard,
press ***9** (pre-selected fax activation code) **firmly**.

3 Hang up the handset.
• The fax machine will start reception.





Note:



- You can change the fax activation code in feature #41 (p. 57).

Turning the AUTO ANSWER mode on remotely

When you are not in, and the AUTO ANSWER mode of your unit is set to off (TEL mode), you can turn the AUTO ANSWER mode (FAX ONLY or TEL/FAX) on from a remote location using a touch tone telephone.

1. Call your unit and wait for 10 rings.
 - You will hear a beep signal.
2. — **To switch to the FAX ONLY mode:**
Press  within 8 seconds.
— **To switch to the TEL/FAX mode:**
Press  within 8 seconds.
3. Hang up the handset.

Note:

- Press  or  within 8 seconds after hearing the beep, otherwise the call will be interrupted and the unit will remain in the TEL mode.

Receiving Faxes

Receive polling ===== (retrieving a fax placed on another fax machine)

This feature allows you to retrieve a document from another compatible machine. Therefore you pay for the call.

Make sure that no documents are fed into your unit and that the other party's machine is ready for your call.

1 Press **MENU** four times.

Display:

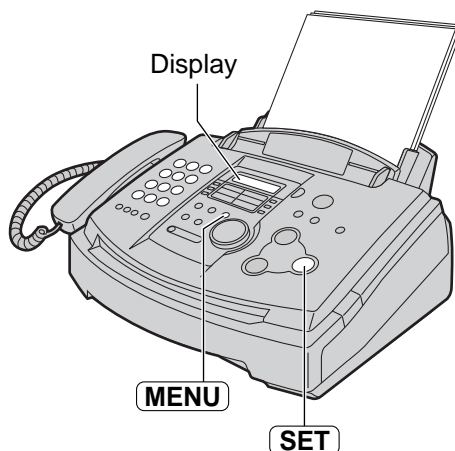
2 Press **SET** .

3 Dial the fax number.

Example:

4 Press **SET** .

- The unit will start reception.



Pager call

This feature allows your unit to call your pager when your unit receives a fax document.

1 Press **MENU** .
Display: SYSTEM SET UP

2 Press **□** , then **7 0** .
FAX PAGER CALL

3 Press **SET** .
MODE=OFF ↻

4 Rotate **EASY DIAL** to select "ON".
MODE=ON ↻

- If this feature is not required, select "OFF".

5 Press **SET** .
NO. =

6 Enter your pager number.
• You can enter a total of 46 digits and/or pauses.

Example:

1 202 555 1234PP12345678PP5555#

Your pager number

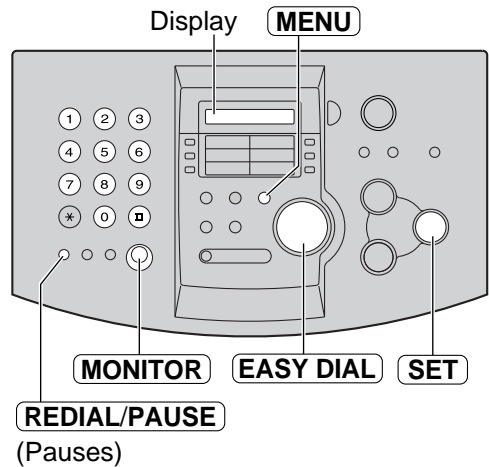
Pauses
Your pager access code, if required.

Message you want displayed on your pager

7 Press **SET** .
• The unit will dial the stored number.
PAGER TEST

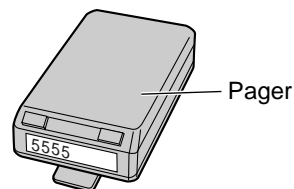
8 Check that your pager receives a pager test call.

9 Press **MONITOR** .



When your pager receives a pager call

Your pager will display the message you entered in step 6. (For example: 5555)



Copying

Making a copy

The unit can make single or multiple copies (up to 99).

- 1 Adjust the width of the document guides to the size of the document.
- 2 Insert the document (up to 15 pages) FACE DOWN until the unit grasps the document and a single beep is heard.

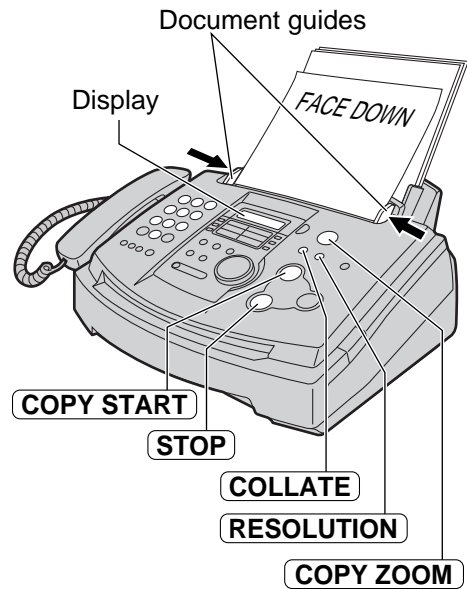
Display:

- Make sure the handset is on the cradle.

- 3 Press **COPY START** .

- If necessary, enter the number of copies (up to 99).

- 4 Press **COPY START** .
 - The unit will start copying.



Note:

- Any transmittable document can be copied (p. 34).

To stop copying

Press **STOP** .

Convenient way to make a copy

The following settings are available before you start copying.

- Resolution
- Reduction/enlargement rate
- Collation (sort)

To select the resolution according to the type of document

Press **RESOLUTION** repeatedly to select the desired setting.

FINE: For printed or typewritten originals with small printing.

SUPER FINE: For originals with minute printing.

PHOTO: For originals containing photograph.


PHOTO WITH TEXT: For originals containing photograph and text.

Display while copying

- If you select "STANDARD", copying will be done using "FINE" mode.

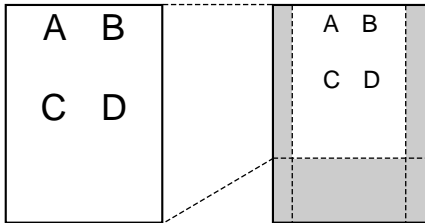
To reduce or enlarge a document

To make a reduced copy, press


COPY ZOOM  repeatedly and select the desired reduction rate. The unit can reduce copies to as little as 50% of the original by changing the reduction rate 5% at a time.

Example: 70% reduced copy

Original document Reduced copy

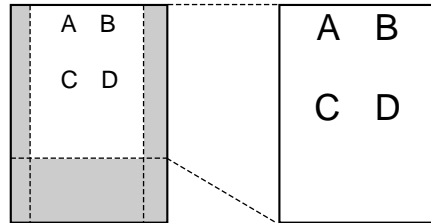


To make an enlarged copy, press

COPY ZOOM  repeatedly and select the desired enlargement rate. The unit can enlarge copies to as much as 200% of the original by changing the enlargement rate 5% at a time.

Example: 150% enlarged copy

Original document Enlarged copy



Note:

- The display will show the rate you selected while copying.

Example:

Reduction/enlargement rate

- For an enlarged copy, the unit will only enlarge the centre of the upper part of the document. To make an enlarged copy of the bottom of the document, turn the document around, insert it into the unit, and then make a copy.

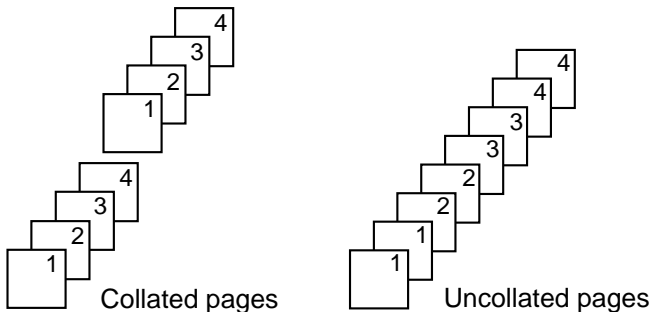
To collate multiple copies

The unit can collate multiple copies in the same order as the original document pages.

Press **COLLATE** until the following is displayed and start copying.

Display:

Example: Making two copies of a 4-page original document



Note:

- The unit will store the documents into memory while collating copy. If memory becomes full while storing, the unit will only print out the stored pages.
- While collating copies, the display will show the following.

Example:

shows collating copy

Features Summary

Programming

The unit provides various programming features. Program the desired settings by referring to the programming tables (p. 55–59).

General programming method

1 Press **MENU** .
Display: SYSTEM SET UP

2 Select the feature you wish to program.
■ **For basic features** (p. 55):
Rotate **EASY DIAL** until the desired feature is displayed.
■ **For advanced features** (p. 56–59):
Rotate **EASY DIAL** until the following is displayed.

ADVANCED MODE

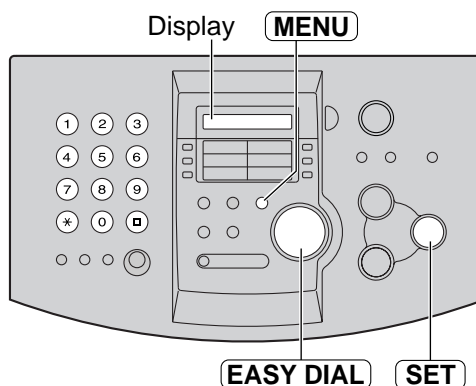
Press **SET** and rotate **EASY DIAL** until the desired feature is displayed.

3 Press **SET** .
● The current setting of the feature will be displayed.

4 Rotate **EASY DIAL** until the desired setting is displayed.
● This step may be slightly different depending on the feature.

5 Press **SET** .
● The setting you selected is set, and the next feature will be displayed.

6 To exit programming, press **MENU** .



Programming by entering the program code number directly

You can select a feature by directly entering the program code (# and 2-digit number) instead of using **EASY DIAL** .

1. Press **MENU** .
 2. Press **#** and the 2-digit code number.
 3. Follow steps 3 to 6 above.
- See programming tables for code numbers (p. 55–59).

To cancel programming

Press **MENU** to exit the program.

Basic features

Programming table

Code	Display & Feature	Settings	How the unit operates
#01	<div style="border: 1px solid black; padding: 2px; width: fit-content;">SET DATE & TIME</div> <p>To set the date and time.</p>	dd/mm/yy hh:mm (2 digits for each entry)	See page 17 for details.
#02	<div style="border: 1px solid black; padding: 2px; width: fit-content;">YOUR LOGO</div> <p>To set your logo.</p>	(Up to 30 characters)	See page 18 for details.
#03	<div style="border: 1px solid black; padding: 2px; width: fit-content;">YOUR FAX NO.</div> <p>To set your facsimile telephone number.</p>	(Up to 20 digits)	See page 20 for details.
#04	<div style="border: 1px solid black; padding: 2px; width: fit-content;">SENDING REPORT</div> <p>To print and check the sending report for fax transmission results (p. 35).</p>	ERROR	<p>“ERROR”: The sending report will be printed only when fax transmission fails.</p> <p>“ON”: The sending report will be printed out after every transmission.</p>
		ON	
		OFF	
#06	<div style="border: 1px solid black; padding: 2px; width: fit-content;">FAX RING COUNT</div> <p>To change the number of rings before the unit answers a call in FAX ONLY mode.</p>	1, 2, 3, 4, 5, 6, 7, 8, 9	If you are using the unit with an answering machine, set to more than 4 (p. 44).
#12	<div style="border: 1px solid black; padding: 2px; width: fit-content;">REMOTE TAM ACT.</div> <p>If you are using the unit with an answering machine, activate this feature, and set the remote activation ID to secure the remote operation for the answering machine.</p>	ON / ID=11	<p>To select “ON” and enter ID:</p> <ol style="list-style-type: none"> 1. Press MENU. 2. Rotate EASY DIAL and select this feature. 3. Press SET. 4. Rotate EASY DIAL to select “ON”. 5. Press SET. 6. Enter your ID from 1 to 5 digits, using 0–9, * and #. 7. Press SET. 8. Press MENU.
		OFF	
#17	<div style="border: 1px solid black; padding: 2px; width: fit-content;">MELODY RINGER</div> <p>To set the ring melody.</p>	BELL	You can select the bell or the melody. The selected bell or melody will sound while setting.
		MELODY (A, B, C, D)	
#19	<div style="border: 1px solid black; padding: 2px; width: fit-content;">CLOCK DISPLAY</div> <p>To select either 12 hour clock or 24 hour clock for display messages and reports.</p>	12H	<p>“12H”: 12 hour clock is used.</p> <p>“24H”: 24 hour clock is used.</p>
		24H	

(The default setting is in bold type.)

Features Summary

Advanced features

How to set menu options

1. Press **MENU**.
2. Rotate **EASY DIAL** until the following is displayed.
 Display: ADVANCED MODE
3. Press **SET**.
4. Rotate **EASY DIAL** until the desired setting is displayed.
5. Press **SET**.
6. Press **MENU**.

Press **SET** and rotate **EASY DIAL** until the desired feature is displayed.

3. Press **SET**.

Note:

- Step 4 may be slightly different depending on the feature.
- See page 54 for more details.

Programming table

Code	Display & Feature	Settings	How the unit operates
#22	AUTO JOURNAL To print the journal report automatically for fax communications.	ON	"ON": The unit will print the journal report automatically after every 30 new fax communications (p. 35).
		OFF	
#23	OVERSEAS MODE If you have difficulty sending an overseas fax, activate this feature before starting transmission. This feature makes sending documents easier as the transmission speed is slowed down.	ON	After transmission, the unit will turn off automatically. • This feature is not available for broadcast transmission. • The calling charge may be higher.
		OFF	
#25	DELAYED SEND To send a fax automatically at a specified time. This allows you to take advantage of low-cost calling hours offered by your telephone company. • The setting can be reserved to take place up to 24 hours in advance. • If you select "24H" for the clock display (feature #19 on page 55), the time is set using a 24 hour clock (military time).	ON / fax no. / hh:mm	To send a document: 1. Insert the document. 2. Follow steps 1–3 above. 3. Rotate EASY DIAL to select "ON". 4. Press SET . 5. Enter the fax number. 6. Press SET . 7. Enter the transmission start time. Press * to select "AM" or "PM". 8. Press SET . 9. Press MENU . • To cancel after programming, press STOP then SET .
		OFF	
#26	AUTO CALL. LIST To print the Caller ID list automatically.	ON	"ON": The unit will print the Caller ID list automatically after every 30 new calls (p. 29).
		OFF	

(The default setting is in bold type.)

Features Summary

Code	Display & Feature	Settings	How the unit operates
#30	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">SILENT FAX RING</div> To change the number of rings when the unit detects a voice call in TEL/FAX mode.	3, 4, 5, 6, 7, 8, 9	See pages 46 and 47 for details.
#37	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">AUTO REDUCTION</div> To receive a fax document that is longer than your recording paper.	ON	"ON": The unit will fit a received document onto your recording paper.
		OFF	"OFF": The unit will print the original size.
#39	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">LCD CONTRAST</div> To adjust the display contrast.	NORMAL	"NORMAL": For normal contrast "DARKER": Used when the display contrast is too light.
		DARKER	
#41	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">FAX ACTIVATION</div> If you use an extension telephone and wish to use it to receive a fax, activate this feature, and enter the code (p. 48). ●This code is also used to receive a voice message and a fax in the same call (p. 45).	ON / CODE= * 9	<ol style="list-style-type: none"> 1. Follow steps 1–3 on page 56. 2. Rotate EASY DIAL to select "ON". 3. Press SET. 4. Enter your code from 2 to 4 digits, using 0–9 and *. 5. Press SET. 6. Press MENU. ●Do not enter "0000".
		OFF	
#44	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">RECEIVE ALERT</div> To alert you with beeps when a received document is stored into memory due to a problem.	ON	If you hear slow beeps, clear the printing problem or supply paper to print the stored document. The beeps will stop.
		OFF	
#46	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">FRIENDLY RCV</div> To receive a fax automatically when you answer a call and hear a fax calling tone (slow beep).	ON	"ON": You do not have to press FAX START for fax reception.
		OFF	
#49	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">AUTO DISCONNECT</div> To answer a call with an extension telephone in TEL/FAX mode (p. 47).	ON / CODE= * 0	<ol style="list-style-type: none"> 1. Follow steps 1–3 on page 56. 2. Rotate EASY DIAL to select "ON". 3. Press SET. 4. Enter your code from 2 to 4 digits, using 0–9 and *. 5. Press SET. 6. Press MENU.
		OFF	

(The default setting is in bold type.)

Features Summary

Advanced features (cont.)

How to set menu options

1. Press **MENU** .
2. Rotate **EASY DIAL** until the following is displayed.

Display: ADVANCED MODE

Press **SET** and rotate **EASY DIAL** until the desired feature is displayed.

3. Press **SET** .

4. Rotate **EASY DIAL** until the desired setting is displayed.

5. Press **SET** .

6. Press **MENU** .

Note:

- Step 4 may be slightly different depending on the feature.
- See page 54 for more details.

Programming table (cont.)

Code	Display & Feature	Settings	How the unit operates
#68	<div style="border: 1px solid black; padding: 2px; display: inline-block;">ECM SELECTION</div> ECM stands for Error Correction Mode. To send a fax even if there is static interference on the telephone line.	ON	This feature is available when the transmitting/receiving stations are ECM compatible. ● If documents are in memory, clear them before making the setting (p. 42).
		OFF	
#70	<div style="border: 1px solid black; padding: 2px; display: inline-block;">FAX PAGER CALL</div> If you have a pager and wish to know when your unit receives a fax, activate this feature.	ON	See page 51 for details.
		OFF	
#76	<div style="border: 1px solid black; padding: 2px; display: inline-block;">CONNECTING TONE</div> If you often have trouble when sending a fax, this feature allows you to hear connecting tones: fax tone, ring back tone and busy tone.	ON	You can confirm the status of the other party's machine. ● If the ring back tone continues, the other party's machine may not be a facsimile or may have run out of paper. Check with the other party. ● The connecting tone volume cannot be adjusted.
		OFF	

(The default setting is in bold type.)

Features Summary

Code	Display & Feature	Settings	How the unit operates
#77	<div style="border: 1px solid black; padding: 2px; display: inline-block;">AUTO ANSWER</div> To change the receive mode in the AUTO ANSWER setting.	FAX ONLY	"FAX ONLY": Facsimile only mode (p. 43) "TEL/FAX": Telephone/Facsimile mode (p. 46, 47)
		TEL/FAX	
#78	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TEL/FAX RING</div> If you use an extension telephone in TEL/FAX mode, select the desired number of rings of the extension telephone.	1, 2, 3, 4, 5, 6, 7, 8, 9	See pages 46 and 47 for details.
#79	<div style="border: 1px solid black; padding: 2px; display: inline-block;">TONER SAVE</div> To save on toner consumption.	ON	"ON": The toner cartridge will last longer. •This feature may reduce print quality.
		OFF	
#80	<div style="border: 1px solid black; padding: 2px; display: inline-block;">SET DEFAULT</div> To reset on advanced features to their default settings.	YES	<ol style="list-style-type: none"> 1. Follow steps 1–3 on page 58. 2. Rotate EASY DIAL to select "YES". 3. Press SET . 4. Press SET again. 5. Press MENU .
		NO	

(The default setting is in bold type.)

Error Messages

Reports

If your unit cannot send a fax, check the following:

- the number you dialled is correct,
- the other party's machine is a facsimile.

If the problem remains, correct it by following the communication message printed on the sending and journal reports (p. 35).

Communication message	Error code	Cause & solution
COMMUNICATION ERROR	40–42 46–52 58, 65 68, 72 FF	●A transmission or reception error occurred. Try again or check with the other party.
	43 44	●A line problem occurred. Connect the telephone line cord to a different jack and try again. ●An overseas transmission error occurred. Try using the overseas mode of feature #23 (p. 56).
DOCUMENT JAMMED	—	●The document is jammed. Remove the jammed document (p. 72).
ERROR-NOT YOUR UNIT	54 59 70	●A transmission or reception error occurred because of a problem with the other party's fax machine. Check with the other party.
MEMORY FULL	—	●The document was not received due to memory being full.
NO DOCUMENT	—	●The document was not fed into the unit properly. Reinsert the document and try again.
OTHER FAX NOT RESPOND	—	●The other party's fax machine is busy or has run out of recording paper. Try again. ●The document was not fed properly. Reinsert the document and try again. ●The other party's fax machine rings too many times. Send the fax manually – dial the number, confirm the fax tone, and press (FAX START) . ●The other party's machine is not a facsimile. Check with the other party. ●The number you dialled is not in service.
PRESSED THE STOP KEY	—	● (STOP) was pressed and fax communication was cancelled.
THE COVER WAS OPENED	—	●The front cover was opened. Close it and try again.
OK	—	●Fax communication was successful.

Display

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

Display message	Cause & solution
CALL SERVICE	●There is something wrong with the unit. Contact our Customer Care Centre (see page 9).
CHANGE DRUM	●There is something wrong with the drum unit. Replace the drum unit and the toner cartridge (p. 68).
CHECK DOCUMENT	●The document was not fed into the unit properly. Reinsert the document. If misfeeding occurs frequently, clean the document feeder rollers (p. 74) and try again. If the problem remains, adjust the feeder pressure (p. 73).
CHECK DRUM	●The drum unit was not inserted properly. Reinsert it correctly (p. 12).
CHECK MEMORY	●Memory (telephone numbers, parameters, etc.) has been erased. Re-program.
COVER OPEN	●The front cover is open. Close it.
EASY DIAL FULL	●There is no space to store new stations in the EASY DIAL directory. Erase unnecessary stations (p. 25).
FAILED PICK UP	●Recording paper was not fed into the unit properly. Reinsert the recording paper (p. 71).
FAX IN MEMORY	●The unit has a document in memory. See the other displayed message instructions to print out the document.
FAX MEMORY FULL	●Memory is full of received documents due to a lack of recording paper or a recording paper jam. Install paper or clear the jammed paper. ●When performing memory transmission, the document being stored exceeds the memory capacity of the unit. Transmit the entire document manually.
MEMORY FULL	●When making a copy, the document being stored exceeds the memory capacity of the unit. Press (STOP) to clear the message. Divide the document into sections.

(continued)

Error Messages

Display message	Cause & solution
MODEM ERROR	<ul style="list-style-type: none"> ●There is something wrong with the modem circuit. Contact our service personnel.
NO FAX REPLY	<ul style="list-style-type: none"> ●The other party's fax machine is busy or has run out of recording paper. Try again.
OUT OF PAPER	<ul style="list-style-type: none"> ●Recording paper is not installed or the unit has run out of paper. Install paper (p. 15). ●Recording paper is not fed into the unit properly. Reinstall paper (p. 15).
PAPER JAMMED	<ul style="list-style-type: none"> ●A recording paper jam occurred. Clear the jammed paper (p. 70).
PLEASE WAIT	<ul style="list-style-type: none"> ●The unit is warming up. Wait for a while.
POLLING ERROR	<ul style="list-style-type: none"> ●The other party's fax machine does not provide the polling function. Check with the other party.
REDIAL TIME OUT	<ul style="list-style-type: none"> ●The other party's fax machine is busy or has run out of recording paper. Try again.
REMOVE DOCUMENT	<ul style="list-style-type: none"> ●The document is jammed. Remove the jammed document (p. 72). ●Attempted to transmit a document longer than 600 mm. Press STOP to remove the document. Divide the document into two or more sheets and try again.
TONER EMPTY	<ul style="list-style-type: none"> ●The toner cartridge is empty. Replace the toner cartridge (p. 68).
TONER LOW	<ul style="list-style-type: none"> ●The remaining toner is low. Replace the toner cartridge as soon as possible (p. 68). We recommend you replace the drum unit every third time you replace the toner cartridge. To check the drum life and quality, please print the printer test list (p. 76).
TRANSMIT ERROR	<ul style="list-style-type: none"> ●A transmission error occurred. Try again.
WRONG PAPER	<ul style="list-style-type: none"> ●The unit printed on paper which is shorter than A4 size paper. To prevent the drum unit from becoming dirty, use A4 size paper.

When a function does not work, check here before requesting help

General

Problem	Cause & solution
I cannot make and receive calls.	<ul style="list-style-type: none">●The mains lead or telephone line cord is not connected. Check the connections (p. 16).●If you used a splitter to connect the unit, remove the splitter and connect the unit to the wall jack directly. If the unit operates properly, check the splitter.
The unit does not work.	<ul style="list-style-type: none">●Disconnect the unit from the telephone line and connect the line to a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your telephone company.
The unit does not ring.	<ul style="list-style-type: none">●The ringer volume is set to off. Adjust it (p. 21).
The other party complains they only hear a fax tone and cannot talk.	<ul style="list-style-type: none">●FAX ONLY mode is set. Tell the other party the number is only used for faxes.●Change to TEL mode (p. 42) or TEL/FAX mode (p. 46).
The REDIAL/PAUSE button does not function properly.	<ul style="list-style-type: none">●If this button is pressed during dialling, a pause will be inserted. If pressed immediately after a dial tone is obtained, the last number dialled will be redialled.
During programming, I cannot enter the code or ID number.	<ul style="list-style-type: none">●All or part of the numbers are the same. Change the code or ID number of features #12 (p. 55), #41 (p. 57) and #49 (p. 57).
The unit beeps.	<ul style="list-style-type: none">●Recording paper has run out. Press STOP to stop the beeps and install paper.

Operations

Fax – sending

Problem	Cause & solution
<p>I cannot send documents.</p>	<ul style="list-style-type: none"> ●The telephone line cord is connected to the EXT jack on the unit. Connect to the LINE jack (p. 16). ●The other party's fax machine is busy or has run out of recording paper. Try again. ●The other party's machine is not a facsimile. Check with the other party. ●The other party's fax machine rings too many times. Send the fax manually – dial the number, confirm the fax tone, then press FAX START .
<p>The other party complains that letters on their received document are distorted or not clear.</p>	<ul style="list-style-type: none"> ●If your line has special telephone services such as call waiting, the service may have been activated during fax transmission. Connect the unit to a line that does not have these services. ●The extension telephone on the same line is off the hook. Hang up the extension telephone and try again. ●Try copying the document. If the copied image is clear, there may be something wrong with the other party's machine.
<p>The other party complains that dirty patterns or black lines appear on their received document.</p>	<ul style="list-style-type: none"> ●The glass or rollers are dirty. Clean them (p. 74).
<p>I cannot make an international fax call.</p>	<ul style="list-style-type: none"> ●Use the overseas transmission mode of feature #23 (p. 56). ●Add two pauses at the end of the telephone number or dial manually.

Fax – receiving

Problem	Cause & solution
<p>I cannot receive documents.</p>	<ul style="list-style-type: none"> ●The telephone line cord is connected to the EXT jack on the unit. Connect to the LINE jack (p. 16).
<p>I cannot receive documents automatically.</p>	<ul style="list-style-type: none"> ●The receive mode is set to TEL mode. Set to FAX ONLY mode (p. 43) or TEL/FAX mode (p. 46, 47). ●The time taken to answer the call is too long. Decrease the number of rings of features #06 (p. 55), #30 (p. 57) and #78 (p. 59).
<p>The display shows the following message, but faxes are not received.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-top: 10px;">CONNECTING</div>	<ul style="list-style-type: none"> ●The incoming call is not a fax. Change the receive mode to TEL mode (p. 42).

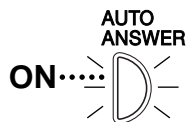
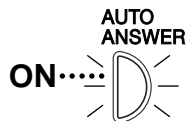
(continued)

Fax – receiving (cont.)

Problem	Cause & solution
A blank sheet is ejected.	<ul style="list-style-type: none"> ●The other party placed the document in their fax machine the wrong way. Check with the other party.
A white line or a dirty pattern appears on your recording paper.	<ul style="list-style-type: none"> ●The glass or rollers are dirty. Clean them (p. 74).
The printing quality is poor.	<ul style="list-style-type: none"> ●The other party sent a faint document. Ask them to send a clearer copy of the document. ●Some paper has instructions recommending which side to print on. Try turning the paper over. ●You may have used paper with a cotton and/or fiber content that is over 20%, such as letterhead or resume paper. ●The remaining toner is low. Replace the toner cartridge (p. 68). ●We recommend you replace the drum unit every third time you replace the toner cartridge (p. 68). To check the drum life and quality, please print the printer test list (p. 76). ●The toner save mode of feature #79 is on (p. 59).

Receive mode

Problem	Cause & solution
I cannot select the desired receive mode.	<ul style="list-style-type: none"> ●If you want to set FAX ONLY or TEL/FAX mode: <ul style="list-style-type: none"> —select the desired mode using feature #77 (p. 59), and —press AUTO ANSWER to turn on the AUTO ANSWER light. ●If you want to set TEL mode: <ul style="list-style-type: none"> —press AUTO ANSWER to turn off the AUTO ANSWER light.
The other party complains that they cannot send a document.	<ul style="list-style-type: none"> ●The unit is not in AUTO ANSWER mode. Press AUTO ANSWER to turn on the AUTO ANSWER light.




Copying

Problem	Cause & solution
The unit does not make a copy.	<ul style="list-style-type: none"> ●You cannot make a copy during programming. Make the copy after programming or stop programming.
A black line, a white line or a dirty pattern appears on the copied document.	<ul style="list-style-type: none"> ●The glass or rollers are dirty. Clean them (p. 74).

(continued)

Operations

Copying (cont.)

Problem	Cause & solution
<p>The printing quality is poor.</p> <p>Original Copy</p> 	<ul style="list-style-type: none"> ●Some paper has instructions recommending which side to print on. Try turning the paper over. ●You may have used paper with a cotton and/or fiber content that is over 20%, such as letterhead or resume paper. ●The remaining toner is low. Replace the toner cartridge (p. 68). ●We recommend you replace the drum unit every third time you replace the toner cartridge (p. 68). To check the drum life and quality, please print the printer test list (p. 76). ●The toner save mode of feature #79 is on (p. 59).

Using an answering machine

Problem	Cause & solution
<p>I cannot receive documents automatically.</p>	<ul style="list-style-type: none"> ●Your greeting message on the answering machine is too long. Shorten the message (up to 10 seconds). ●The answering machine rings too many times. Set to 1 or 2 rings.
<p>I cannot receive voice messages.</p>	<ul style="list-style-type: none"> ●Check if the answering machine is turned on and connected to the fax machine properly (p. 44). ●Set the number of rings on the answering machine to 1 or 2.
<p>I cannot retrieve recorded voice messages on the answering machine from a remote location.</p>	<ul style="list-style-type: none"> ●You did not program your remote access code in your fax machine correctly. Program the same code that is programmed on the answering machine to the fax machine with feature #12 (p. 55).
<p>I pressed the remote access code to access the answering machine remotely, but the line was disconnected.</p>	<ul style="list-style-type: none"> ●The code may include “#” which is used for certain features provided by telephone companies. Change the code on the answering machine to another number which does not include “#”. Also change the code of the fax machine with feature #12 (p. 55).
<p>Callers complain that they cannot send a document.</p>	<ul style="list-style-type: none"> ●Your answering machine has run out of recording tape. Rewind the tape to record messages. ●You set the answering machine to only give a greeting message.

If a power failure occurs

- The unit will not function.
- The unit is not designed for making emergency telephone calls when the power fails.
Alternative arrangements should be made for access to emergency services.
- Fax transmission and reception will be interrupted.
- If delayed transmission of feature #25 (p. 56) is programmed and the start time has passed during a power failure, transmission will be attempted soon after power is restored.
- If fax documents are stored in memory, they will be lost. When power is restored, a power down report will be printed out stating which contents in memory have been erased.

Sample of a power down report

POWER DOWN REPORT				
POWER DOWN AT:05 Jan. 2001 04:30AM				
RESTARTED AT:05 Jan. 2001 04:31AM				
YOUR LOGO :				
YOUR FAX NO. :				
<< WARNING >>				
CONTENTS HAVE BEEN CLEARED DUE TO POWER DOWN.				
FOR ADDITIONAL INFORMATION, PLEASE SEE THE JOURNAL REPORT.				
NO.	OTHER FACSIMILE	MODE	PAGES	FUNCTION
01	<FAX # NOT AVAIL.>	RCV	01	MEMORY RECEIVE

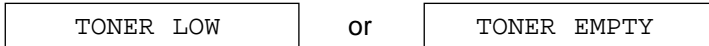
Note:

- If you select "24H" for the clock display (feature #19 on page 55), the time is shown using a 24 hour clock (military time).

Replacement

Replacing the toner cartridge and the drum unit

■When the display shows the following message, replace the toner cartridge.



■We recommend you replace the drum unit every third time you replace the toner cartridge.
To check the drum life and quality, please print the printer test list (p. 76).

Model No. KX-FA76X toner cartridge and **Model No. KX-FA77X/KX-FA78X drum unit** are available for replacement (p. 9).

Caution:

●The drum unit contains a photosensitive drum. Exposing it to light may damage the drum.

Once you have opened the protection bag:

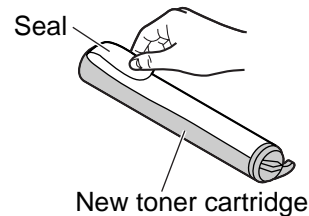
- Do not expose the drum unit to light for more than 5 minutes.
- Do not touch or scratch the green drum surface.
- Do not place the drum unit near dust or dirt, or in a high humidity area.
- Do not expose the drum unit to direct sunlight.

- Do not unplug the fax machine to prevent loss of fax documents in memory.
- Do not pour any toner into the toner cartridge.

- 1** Before opening the protection bag of the new toner cartridge, shake it vertically more than 5 times.



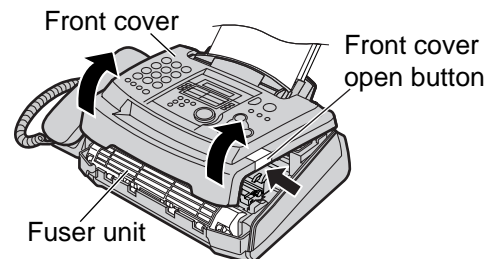
- 2** Remove the new toner cartridge from the protection bag. Peel off the seal from the toner cartridge.



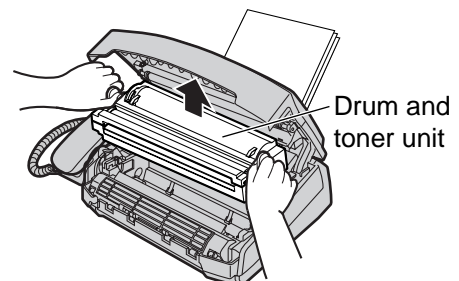
- 3** Push the front cover open button then open the front cover.



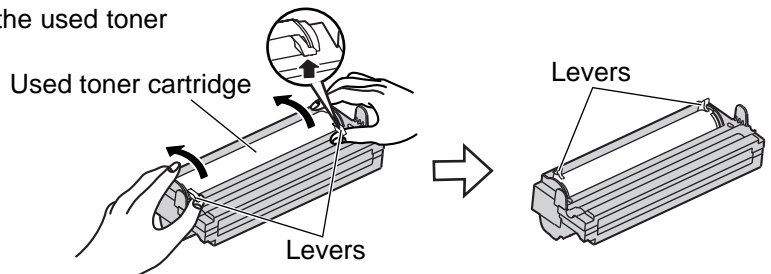
Caution:
The fuser unit gets hot.
Do not touch it.



- 4** Tap on the used toner cartridge several times to allow the remaining toner to fall into the drum unit. Remove the drum and toner unit by holding the two tabs.
- If you replace the toner cartridge and the drum unit at the same time, skip to step 7.

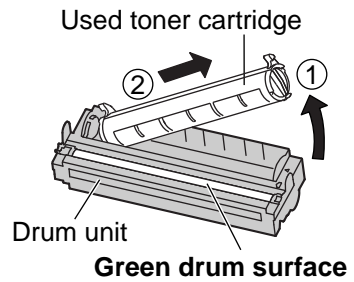


- 5** Turn the two levers on the used toner cartridge firmly.



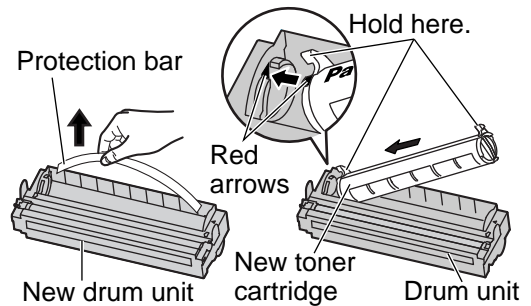
- 6** Pull up the right edge of the used toner cartridge (①). Remove the cartridge from the drum unit (②).

- The toner may stick to the cartridge and the drum unit. Be careful in handling. See page 4 for details.
- Do not drop the toner on the green drum surface.
- Put the used toner cartridge into the protection bag.

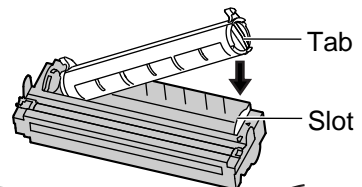


- 7** If you replace the drum unit at the same time, remove the new drum unit from the protection bag. Remove the protection bar from the drum unit.

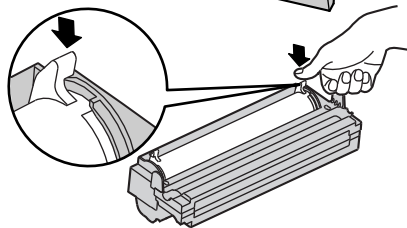
With Panasonic face up on the toner cartridge, match the red arrows on the cartridge and the drum unit.



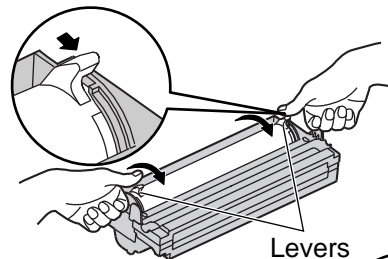
- 8** Slide the tab of the toner cartridge into the slot of the drum unit.



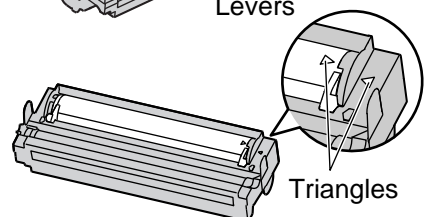
- 9a** Hold right side of the toner cartridge under the lip on the drum unit and...



- 9b** turn the two levers on the toner cartridge with firm pressure.



- 10** The toner cartridge is installed when the triangles match.

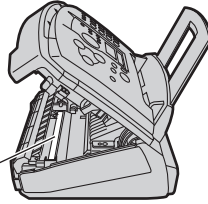


Replacement / Jams

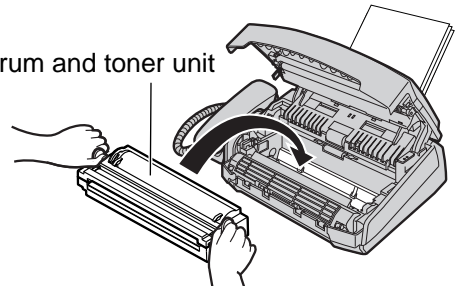
11 Install the drum and toner unit by holding the tabs.

- If the lower glass is dirty, clean it with a soft, dry cloth.

Lower glass



Drum and toner unit

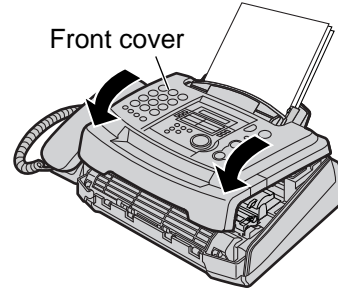


12 Close the front cover, until locked, by pushing down on both sides.

Waste disposal method

- Waste material may be dumped or incinerated under conditions which meet all country and local environmental regulations.

Front cover



Recording paper jam

When the recording paper has jammed in the unit

The display will show the following message.

PAPER JAMMED

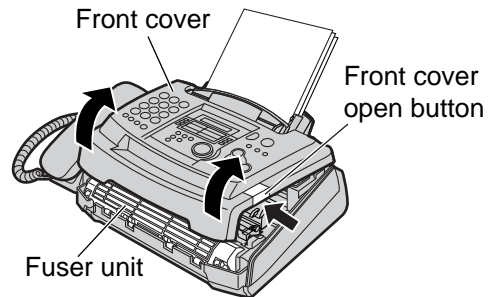
1 Push the front cover open button then open the front cover.



Caution:
The fuser unit gets hot.
Do not touch it.

Front cover

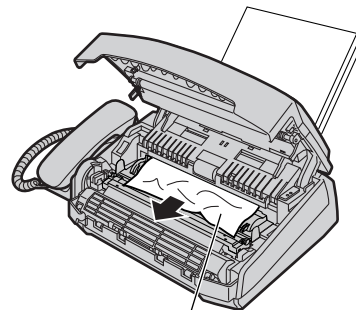
Front cover open button



Fuser unit

2 When the recording paper has jammed near the drum and toner unit:

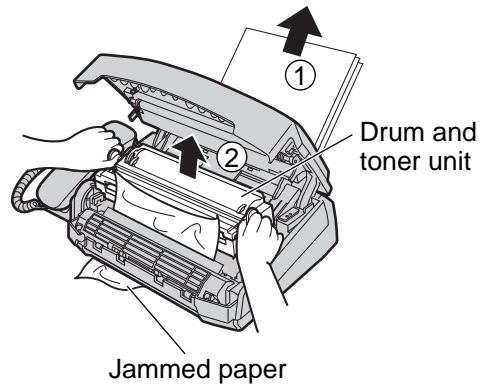
Remove the jammed paper by pulling it toward you.



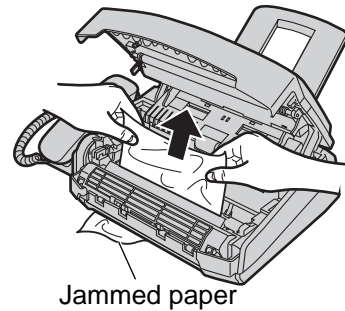
Jammed paper

When the recording paper has jammed near the recording paper exit (Fuser unit):

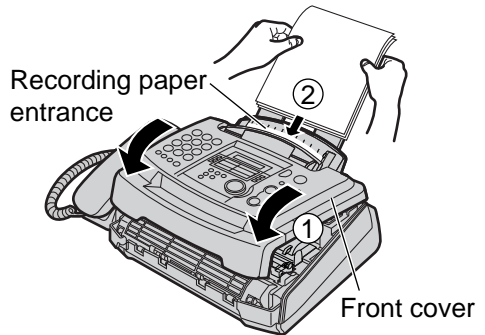
Remove the recording paper (①), then remove the drum and toner unit to allow the jammed paper to pull free from the rear cabinet (②).



Remove the jammed paper from fuser unit by pulling it upwards carefully.



- 3** Close the front cover by pushing down on both sides until locked (①). Straighten and reinsert the recording paper into the recording paper entrance (②).

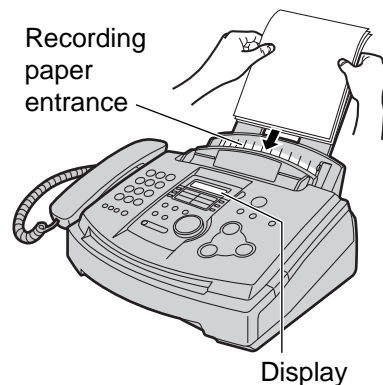


When the recording paper was not fed into the unit properly

The display will show the following message.

FAILED PICK UP

Remove the recording paper. Straighten and reinsert it into the recording paper entrance.



Document jams - sending

- 1 Push the front cover open button then open the front cover.



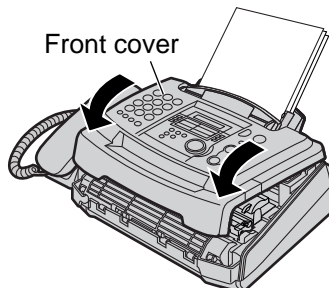
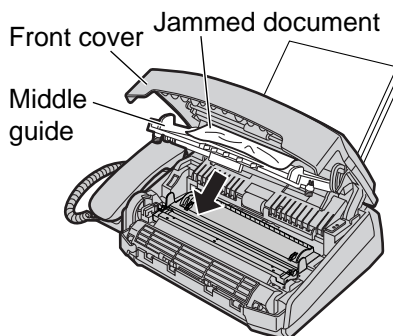
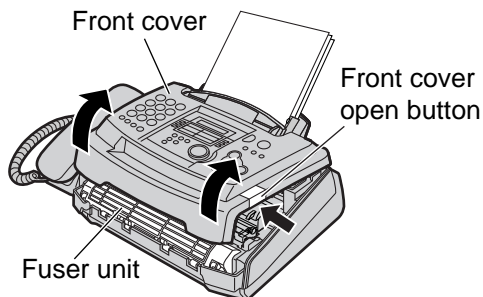
Caution:
The fuser unit gets hot.
Do not touch it.

- 2 Pull down the middle guide while holding the front cover.

- 3 Remove the jammed document carefully.

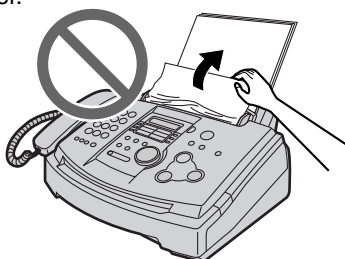
- 4 Lift the middle guide firmly.

- 5 Close the front cover, until locked, by pushing down on both sides.



Note:

- Do not pull out the jammed document forcibly before opening the front cover.



No feeding or multiple feeding occurs while sending ==

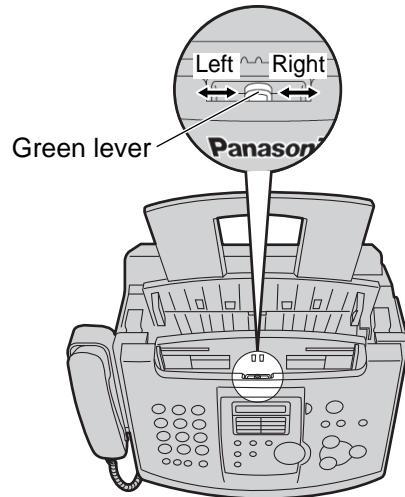
If no feeding or multiple feeding occurs frequently, adjust the feeder pressure.

Shift the position of the green lever by using a stick like instrument with a pointed end.

Left: When documents do not feed.

Centre: Standard position (pre-selected)

Right: When documents multi-feed.



Cleaning

Cleaning the inside of the unit

If any of the following problems occurs, clean the inside of the unit:

- If misfeeding of your original occurs frequently.
- If a black line, a white line or a dirty pattern appears on your recording paper, on your original, or on the fax document received by the other party.

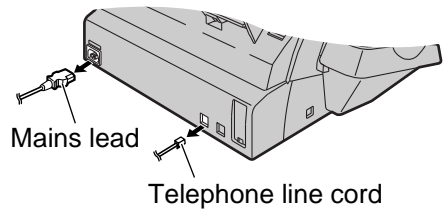
Caution:

●Be careful in handling the toner drum unit.

See the caution for the drum unit on page 68 for details.

●Do not use paper products, such as paper towels or tissues, to clean the inside of the unit.

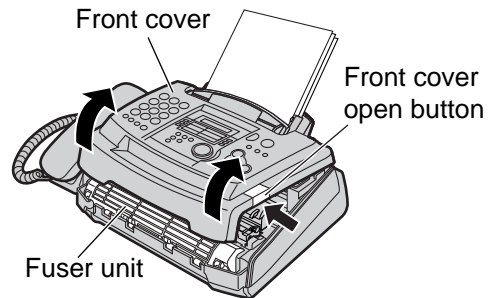
1 Disconnect the mains lead and the telephone line cord.



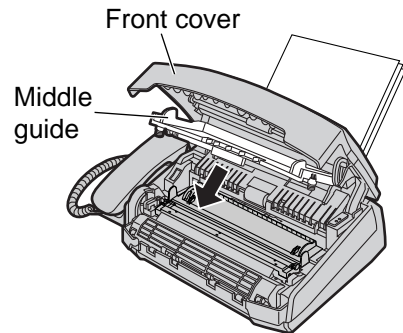
2 Push the front cover open button then open the front cover.



Caution:
The fuser unit gets hot.
Do not touch it.



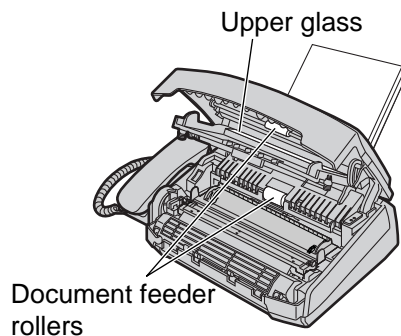
3 Pull down the middle guide while holding the front cover.



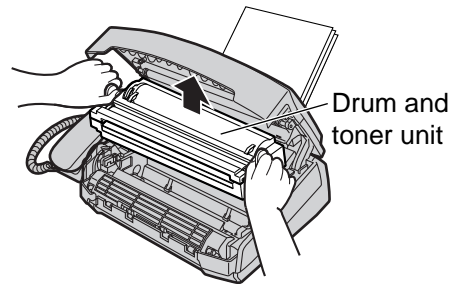
4 Clean the document feeder rollers with a cloth moistened with isopropyl rubbing alcohol, and let all parts dry thoroughly.

Clean the upper glass with a soft, dry cloth.

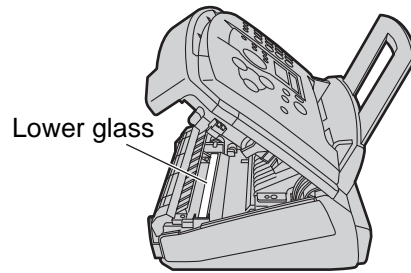
5 Lift the middle guide firmly.



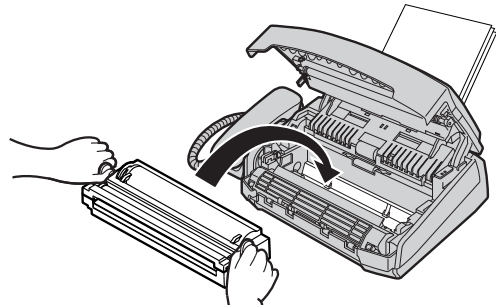
- 6** Remove the drum and toner unit by holding the two tabs.



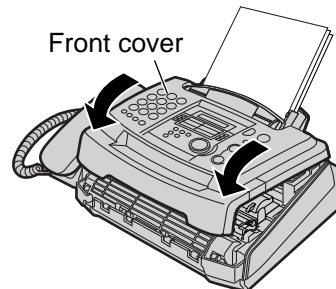
- 7** Clean the lower glass with a soft, dry cloth.



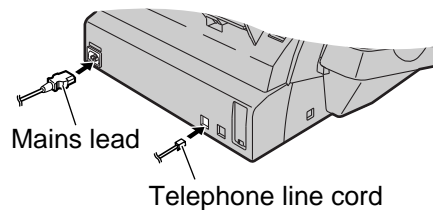
- 8** Reinstall the drum and toner unit by holding the tabs.



- 9** Close the front cover, until locked, by pushing down on both sides.



- 10** Reconnect the mains lead and the telephone line cord.



Printed Reports

Reference lists and reports

You can print out the following lists and reports for your reference.

Setup list: provides you with the current settings of the basic and advanced programming features (p. 55–59).

Telephone number list: provides you with names and telephone numbers which are stored in ONE-TOUCH DIAL and EASY DIAL.

Journal report: keeps records of fax transmission and reception. This report will be printed automatically after every 30 fax communications (p. 35).

Broadcast programming list: provides you with items which are stored in the broadcast feature (p. 36).

Printer test list: allows you to check the print quality of your unit. If the test print has a dirty pattern, or blurred points or lines, clean the inside of the unit (p. 74). If printing quality is still poor, replace the toner cartridge and drum unit.

One-touch label card: provides you with names which are stored in the ONE-TOUCH DIAL keys (p. 22). You can put the card in the one-touch dial location.

1 Press **MENU** two times.

Display: PRINT REPORT

2 Rotate **EASY DIAL** until the desired item is displayed.

SETUP LIST

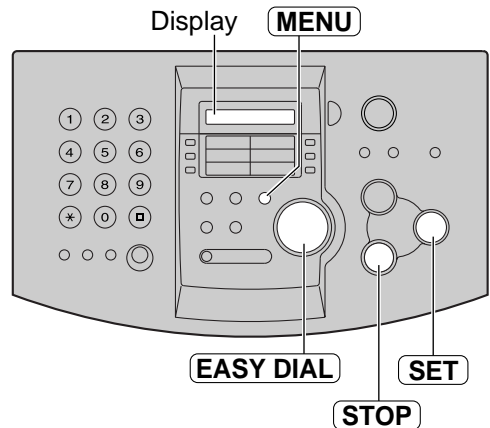
TEL NO. LIST

JOURNAL REPORT

BROADCAST LIST

PRINTER TEST

ONE-TOUCH LABEL



3 Press **SET** to start printing.

PRINTING

- To stop printing, press **STOP**.
- After printing, the printed item will be displayed.

4 Press **MENU**.

Technical data about this product

Applicable Lines:	Public Switched Telephone Network
Document Size:	Max. 216 mm in width / Max. 600 mm in length
Effective Scanning Width:	208 mm
Recording Paper Size:	A4: 210 mm x 297 mm
Effective Printing Width:	202 mm
Transmission Time*:	Approx. 8 s/page (ECM-MMR)**
Scanning Density:	Horizontal: 8 pels/mm Vertical: 3.85 lines/mm –STANDARD 7.7 lines/mm –FINE/PHOTO/PHOTO WITH TEXT 15.4 lines/mm –SUPER FINE
Halftone Level:	64-level
Scanner Type:	Contact Image Sensor (CIS)
Printer Type:	Laser Beam Printer
Data Compression System:	Modified Huffman (MH), Modified READ (MR), Modified Modified READ (MMR)
Modem Speed:	14,400 / 12,000 / 9,600 / 7,200 / 4,800 / 2,400 bps; Automatic Fallback
Operating Environment:	10 °C – 32.5 °C, 20 % – 80 % RH (Relative Humidity)
Dimensions (H x W x D):	190 mm x 417 mm x 345 mm
Mass (Weight):	Approx. 6.5 kg
Power Consumption:	Standby: Approx. 7 W Transmission: Approx. 25 W Reception: Approx. 200 W Copy: Approx. 200 W Maximum: Approx. 560 W (When the fuser unit turns on)
Power Supply:	220–240 V AC, 50 Hz
Memory Capacity:	Fax memory: Approx. 120 pages of memory transmission Approx. 170 pages of memory reception (Based on the ITU-T No. 1 Test Chart in standard resolution.)
Laser diode properties:	Laser output: Max. 5 mW Wave length: 760 nm – 800 nm Emission duration: Continuous
Print Speed:	10 ppm (pages per minute)
Printing Resolution:	600 x 600 dpi

* Transmission speed depends upon the contents of the pages, resolution, telephone line conditions and capability of the other party's machine.

** Transmission speed is based upon the ITU-T No. 1 Test Chart and original mode.

If the capability of the other party's machine is inferior to your unit, the transmission time may be longer.

ITU-T No. 1 Test Chart

①

THE SLEREXE COMPANY LIMITED
SAPORI LANE - BODLA - DORSET - BH13 8JH UK
TELEPHONE 0404 394131 1611 - FAX 1304

Our Ref. 320/PML/EGG 18th January, 1973.

Dr. P.W. Ordall,
Billing Service Ltd.,
Hilarys Road,
Boscombe,
Bath.

Dear Peter,

Permit me to introduce you to the facility of facsimile communication.

In facsimile a photocell is caused to perform a raster scan over the subject copy. The variations of light density on the document cause the photocell to generate an analogue electrical video signal. This signal is used to modulate a carrier, which is transmitted to a remote destination over a radio or optic communication link.

At the remote terminal, demodulation reconstructs the video signal, which is used to modulate the density of print produced by a printing device. This device is scanning in a raster with synchronised video that at the transmitting terminal. As a result, a facsimile copy of the subject document is produced.

Probably you have used this facility in your organisation.

Yours sincerely,

P.W.O.

P.W. ORDALL
Group Leader - Facsimile Research

Specifications

Toner life

Model No. KX-FA76X toner cartridge can print approx. 2,000 sheets of A4 size paper with a 5% image area. Toner life depends on the amount of content in a received, copied or printed document. The following is the approximate relationship between image area and toner life for Model No. KX-FA76X toner cartridge. Toner life varies in actual usage.

5% image area

Specifications	
Main unit specifications	
1. Applicable Lines:	Public switched telephone network
2. Compatibility:	ITU-TS G3
3. Effective Scanning Width:	Max. 209mm
4. Recording Paper Size:	Letter: 216 x 279mm Legal: 216 x 356mm
5. Effective Printing Width:	209mm
6. Transmission Time:	Approx. 1.9sec./page (G3 Normal mode, P1) Approx. 1.7sec./page (G3 Original mode, P1) Approx. 1.5sec./page (G3 Original mode, P1)
7. Fax Redial Time:	Up to 15lines
8. Telephone Redial Time:	Up to 15lines
9. Scanning Density:	Horizontal: 8dots/inch Vertical: 3.85lines/cm-Standard mode 7.7lines/cm-fine or HalfTone mode
10. Scanner Type:	Contact image sensor

10% image area

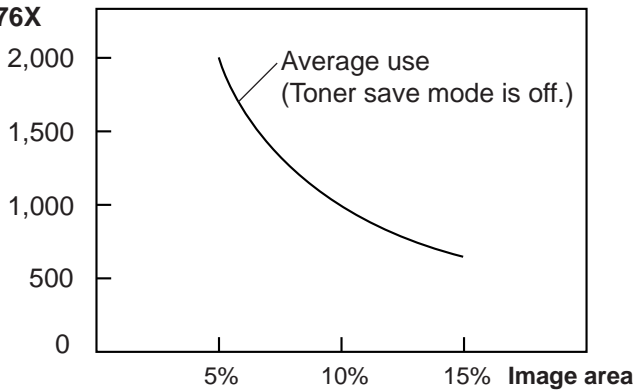
Specifications	
Main unit specifications	
1. Applicable Lines:	Public switched telephone network
2. Compatibility:	ITU-TS G3
3. Effective Scanning Width:	Max. 209mm
4. Recording Paper Size:	Letter: 216 x 279mm Legal: 216 x 356mm
5. Effective Printing Width:	209mm
6. Transmission Time:	Approx. 1.9sec./page (G3 Normal mode, P1) Approx. 1.7sec./page (G3 Original mode, P1) Approx. 1.5sec./page (G3 Original mode, P1)
7. Fax Redial Time:	Up to 15lines
8. Telephone Redial Time:	Up to 15lines
9. Scanning Density:	Horizontal: 8dots/inch Vertical: 3.85lines/cm-Standard mode 7.7lines/cm-fine or HalfTone mode
10. Scanner Type:	Contact image sensor
11. Printer Type:	Electrophotographic LED array printer
12. Data Compression System:	Modified Huffman (MH), Modified READ (MR)
13. Modem Speed:	9600/7200/4800/2400bps
14. Operating Environment:	10-32.5 C 20-80°F Automatic FallBack
15. Dimensional (W D):	371 x 448 x 409mm
16. Mass (Net/Gross):	Approx. 12kg
17. Power Consumption:	Standby: 12-40W Transmission: 17-40W Reception: 13-40W Copy: 24-50W Maximum: 60W
*Transmission Time Transmission time apply to test data using ITU-TS No.1 test chart between the same models at maximum speed and may vary in actual usage.	

15% image area

Specifications	
Main unit specifications	
1. Applicable Lines:	Public switched telephone network
2. Compatibility:	ITU-TS G3
3. Effective Scanning Width:	Max. 209mm
4. Recording Paper Size:	Letter: 216 x 279mm Legal: 216 x 356mm
5. Effective Printing Width:	209mm
6. Transmission Time:	Approx. 1.9sec./page (G3 Normal mode, P1) Approx. 1.7sec./page (G3 Original mode, P1) Approx. 1.5sec./page (G3 Original mode, P1)
7. Fax Redial Time:	Up to 15lines
8. Telephone Redial Time:	Up to 15lines
9. Scanning Density:	Horizontal: 8dots/inch Vertical: 3.85lines/cm-Standard mode 7.7lines/cm-fine or HalfTone mode
10. Scanner Type:	Contact image sensor
11. Printer Type:	Electrophotographic LED array printer
12. Data Compression System:	Modified Huffman (MH), Modified READ (MR)
13. Modem Speed:	9600/7200/4800/2400bps
14. Operating Environment:	10-32.5 C 20-80°F Automatic FallBack
15. Dimensional (W D):	371 x 448 x 409mm
16. Mass (Net/Gross):	Approx. 12kg
17. Power Consumption:	Standby: 12-40W Transmission: 17-40W Reception: 13-40W Copy: 24-50W Maximum: 60W
*Transmission Time Transmission time apply to test data using ITU-TS No.1 test chart between the same models at maximum speed and may vary in actual usage.	

Toner life for KX-FA76X

sheets 2,000



Note:

- The image area changes with the depth, thickness and size of the characters.
- If you change the toner save setting to on, the toner cartridge will last approx. 40% longer.

Drum life

The included drum unit or Model No. KX-FA77X/KX-FA78X can print approx. 6,000 sheets of A4 size paper regardless of the content of the image area.

Note:

- Any details given in these instructions are subject to change without notice.
- The pictures and illustrations in these instructions may vary slightly from the actual product.

Important Information

The connection to the telecommunication systems must not be hard wired and must be unplugged before the earth is disconnected.

Method of connection

This apparatus is connected to the exchange line or PABX/PMBX extension by the new standard British Telecom plug and socket. Arrangements for provision of this type of termination can be made through the nearest British Telecom Sales Office.

This apparatus may be connected to the following types of installation.

- a) For connection to the public switched telephone network (PSTN) and compatible (Private Branch Exchange), which use DTMF signalling. (Please consult your supplier for an up to date list of compatible PBX's.)
- b) The apparatus can be used on extension sockets connected to a direct exchange line (D.E.L.).
- c) This apparatus is suitable for connection to the telecommunication system directly or via compatible private branch exchange as an extension. The supplier of the apparatus should be consulted for an up to date list of PBX's with which the apparatus is compatible.

It cannot be guaranteed that the apparatus will operate under all possible conditions of connection to compatible PBX's.

- This apparatus is suitable for connection to a PBX with or without initial proceed indication.
- This apparatus is suitable for connection to a PBX with or without secondary proceed indication.

Any cases of difficulty should be referred in the first instance to the supplier of the apparatus.

- d) The apparatus must not be connected in the following manner:
 - As an extension to a pay phone
 - As a party line with shared service

NOTES:

- If you experience any problems with the normal use of your apparatus, you should unplug it from the telephone outlet and connect a known working telephone in its place. If the known working telephone still gives problems, then please contact the customer service department of your PSTN operator (e.g. BT etc.). If it operates properly, then the problems are likely to be a fault in your apparatus. In this case, consult your supplier for advice.
- Your PSTN operator may charge you if they attend a service call that is not due to apparatus supplied by them.


Important Information


Fitting a plug to the mains lead

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 5 amp fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5 amps and that it is approved by ASTA or BSI to BS1362.

Check for ASTA mark  or the BSI

mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local Panasonic dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

If a new plug is to be fitted please observe the wiring code as shown below.

If in any doubt please consult a qualified electrician.

WARNING: THIS APPLIANCE MUST BE EARTHED.

IMPORTANT:

The wires in this mains lead are coloured in accordance with the following code:

Green-and-Yellow:	Earth
Blue:	Neutral
Brown:	Live

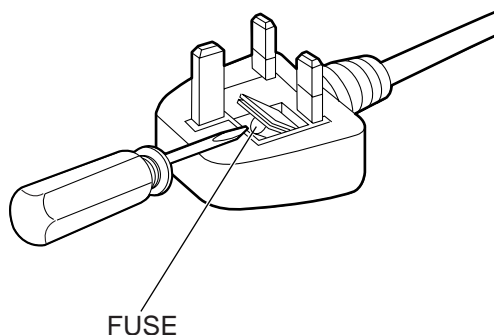
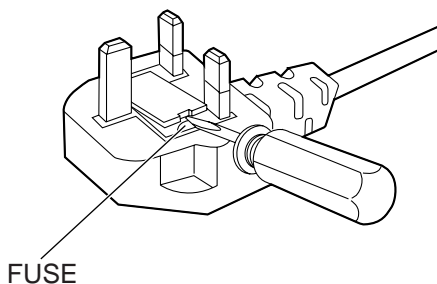
As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the Earth symbol \perp or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with letter L or coloured RED.

How to replace the fuse: Open the fuse compartment with a screwdriver and replace the fuse (and fuse cover).



Condition of guarantee

This guarantee is in addition to and does not in any way affect any statutory or other rights of consumer purchasers. If within the applicable guarantee period, the appliance proves to be defective by reason of faulty design, workmanship or materials, we undertake subject to the following conditions to have the defective appliance (or any part or parts there of) repaired or replaced free of charge.

1. The appliance shall have been purchased and used solely within the UK and in accordance with standard operating instructions and the technical and/or Safety Standards required in the UK.
2. The purchaser will within 7 days of purchase complete the included warranty registration form (folded inside front cover) and fax it to us for registration. Failure to return such a form could result in delay in providing the guarantee service.
3. The appliance should be returned together with this guarantee and proof of date of purchase promptly on being found defective at the purchaser's risk and expense to the authorised dealer from whom the appliance was purchased or to the nearest authorised dealer. All enquiries must be through such dealers.
4. This guarantee shall not apply to damage caused through fire, accident, lightning, misuse, wear and tear, neglect, incorrect adjustment or repair, to damage caused through installation, adaption, modification or use in an improper manner or inconsistent with the technical and/or safety standards required in the country where this appliance is used, or to damage occurred during transit to or from the purchaser.
5. If at any time during the guarantee period any part or parts of the appliance are replaced with a part or parts not supplied or approved by us or of an objective quality safe and suitable for the appliance, or the appliance has been dismantled or repaired by any person not authorised by us, we shall have the right to terminate this guarantee in whole or in part immediately without further notice.
6. The purchaser's sole and exclusive remedy under this guarantee against us is for the repair or replacement of the appliance or any defective part or parts and no other remedy, including, but not limited to, incidental or consequential damage or loss of whatsoever nature shall be available to the purchaser.
7. This guarantee shall not apply to cassette tapes, batteries and any other items of limited nature life.
8. Our decision on all matters relating to complaints shall be final. Any appliance or defective part which has been replaced shall become our property.
9. The guarantee period applicable to this product shall be 12 months from the date of purchase.

Please keep these Operating Instructions with your receipt.

Panasonic Business Systems U.K.

Receipt No. _____	Date of Purchase _____
Model No. KX-FL501E _____	Serial No. _____

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National Panasonic

Kyushu Matsushita Electric Co., Ltd.

1-62, 4-chome, Minoshima, Hakata-ku, Fukuoka 812 Japan Phone: Fukuoka(092)431-2111
Telex: 723579 "KMEFUK J" Cable Address: "KMEFUKUOKA" FUKUOKA

D00-KM7-D022-1-02

004343

Declaration of Conformity

We, Kyushu Matsushita Electric Co., Ltd. Telecom Division
of Matsushita Electric Industrial Co., Ltd.
Minoshima, Fukuoka, Japan

declare under our sole responsibility that the product

Facsimile Machine
Model No. KX-FL501E
Trade Name Panasonic

to which this declaration relates is in conformity with the following
standard(s) or other normative document(s)

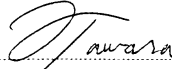
EN60950(1992)/A1(1993)/A2(1993)/A3(1995)/A4(1997)/A11(1997)
EN60825-1(1994)/A11(1996) EN55022(1998) EN55024(1998)
EN61000-3-2(1995)/A1(1998)/A2(1998) and EN61000-3-3(1995)

following the provisions of EC Council Directive(s)

1999/5/EC

Issued on - ; 29th September, 2000

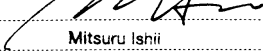
Signed by the manufacturer :

(Signature) : 
(Printed name) : Katsuhei Tawara
(Title) : Director

Signed by authorized representative in the EU/EEA ;

06. Okt. 2000

(Date) :

(signature) : 
(Printed Name) : Mitsuru Ishii
(Company Name) : Panasonic Testing Centre (Europe) GmbH
(Address) : 22525 Hamburg, F.R.G. Germany

CE 0682

Kyushu Matsushita Electric Co., Ltd.

1-62, 4-chome, Minoshima, Hakata-ku, Fukuoka 812-8531, Japan