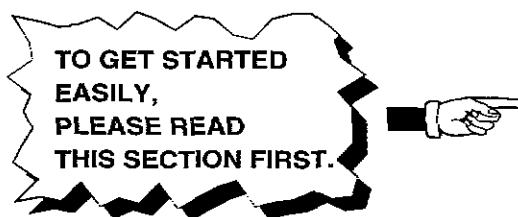


Panasonic

Compact Plain Paper Fax

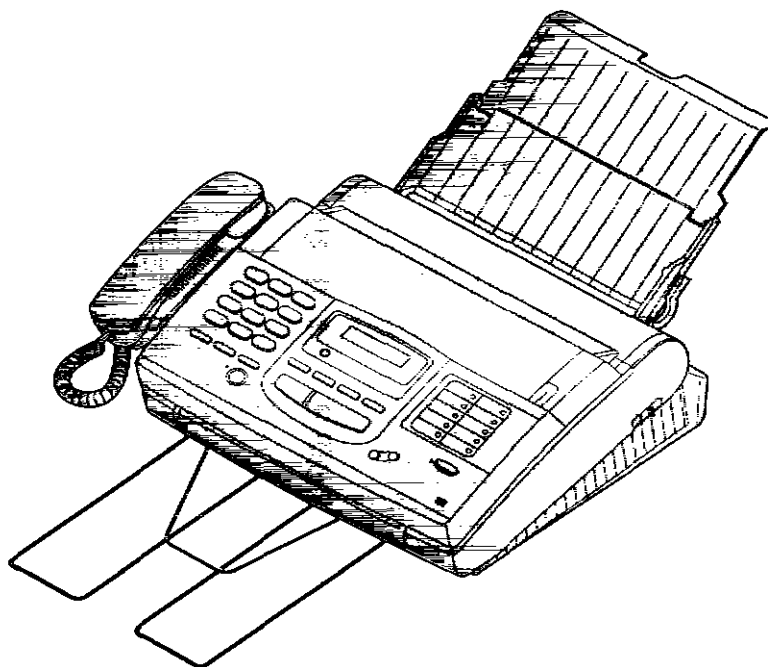
Model No.

KX-F1810E



Quick Start

OPERATING INSTRUCTIONS



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



Thank you for purchasing the Panasonic Compact Plain Paper Facsimile.

Welcome to the world of Panasonic facsimiles.

This Panasonic compact plain paper facsimile combines telephone, fax and copier functions. A TAM interface is provided for the connection of a separate telephone answering machine. Use of this product should lead to a more efficient office or home. By using the many features of this product you can maximise it's effectiveness.

For your future reference	
Date of purchase	Serial No. <small>(found on the bottom of the unit)</small>
Dealer's name and address	
Dealer's telephone number	

Caution:

- Note that the images of copied or received documents will remain on the used film. When disposing of the used film, use discretion.
- Do not rub or use an eraser on the printed side, as the print may smear.

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TERMS AND CONDITIONS

1. This Warranty is in addition to and does not in any way affect any statutory or other rights of consumer purchasers. This warranty relates only to product used within Mainland Great Britain, please refer to your dealer for warranty information relating to use elsewhere within the United Kingdom.
2. This product is approved for use only on the United Kingdom's Public Switched Telephone Network and should be used only for normal purposes and in accordance with standard operating instructions.
3. You should complete the registration form overleaf and fax send it to us within 7 days of purchase; failure to do so may result in delays in providing warranty service.
4. This warranty covers breakdowns due to design or manufacturing faults; it does not apply to damage, however caused, wear and tear, neglect, incorrect adjustment or repair, or to any items of limited natural life.
5. This warranty does not cover 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.
6. In the event of a failure, please take the following action:
 - a. Refer to the "Troubleshooting" section of your instruction manual in order to identify and possibly correct the problem;
 - b. If the fault cannot be resolved and you require a trained engineer to call, please contact the service centre on 0541 580560.

Before you telephone have the following information ready:

- Your post code, telephone number, contact name, model no. and serial no.
- A good description of the fault and any other relevant information.
- State also if the repair is to be carried out under warranty or chargeable (out of warranty).

A trained operator will discuss the nature of the perceived fault over the phone and if still unresolved will arrange for an engineer to visit.

When the operator calls please have ready proof of purchase for under warranty repair. It is your responsibility to prove that the unit is under warranty; if this is not possible the repair will be undertaken on a chargeable basis.

7. Your sole and exclusive remedy under this guarantee against us is for repair, or at our option the replacement, of the product or any defective part or parts. No other remedy, including, but not limited to, incidental or consequential damage or loss of whatsoever nature shall be available to the purchaser.
8. The warranty period applicable to this product shall be 12 months from the date of purchase.

IMPORTANT

Panasonic

WARRANTY REGISTRATION

PLEASE COMPLETE, THEN FAX THIS FORM TO 0541-583250
TO REGISTER FOR YOUR 12 MONTHS FREE ON-SITE SERVICE

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

- We will register your machine on our warranty database. Should you ever require a service call under warranty, your call will be dealt with quickly and efficiently.
- We will send you a reply fax to confirm your registration and the correct operation of your machine.
- If you have any problems. Please call us on 0541 580560.

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. Fax this form to **0541 583250** and we will confirm receipt of your details by fax. Please allow 14 working days for this. In addition, we will also send you information of our maintenance contracts and a "frequently asked questions" helpsheet for your machine.

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 the mains 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 bath tub, wash bowl, kitchen sink, etc.
5. Place this 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. This product is supplied with a moulded plug. This plug has three conductors. If the type of moulded plug does not fit your socket contact an electrician to replace your socket. Do not modify the connection this may make the product unsafe.
9. Do not place objects on the power cord. Install the unit where no one can step or trip on the cord.
10. Do not overload mains 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 product, but take it to a qualified engineer when maintenance or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect re-assembly could cause an electric shock when the unit is subsequently used.
13. Unplug this unit from the mains outlet and refer servicing to qualified service personnel 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 a qualified technician.
 - 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

INSTALLATION:

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. 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.

Table of Contents

Quick Start

Before you start

- Included accessories 8
- Accessory order information 8
- Overview 9

Installation

- Installing the diverter 10
- Installing the paper 10
- Connecting the telephone line and the power outlet 12
- Location of controls 13
- Help function 13

Initial preparation

- Setting the date and time 14
- Setting your logo 15
- Setting your facsimile telephone number 16

Basic operations

- Making voice calls 17
- Answering voice calls 18
- Making a copy 19
- Transmitting documents 20
- Receiving documents (receive mode, etc.) 21

Advanced Operations

Special receiving modes

- EXT.TAM mode (recording voice messages and/or receiving documents) .. 24
- TEL/FAX mode (automatic voice and fax recognition) 27

Automatic dialling

- Storing telephone numbers for automatic dialling 29
- Making voice calls using automatic dialling 30
- Transmitting documents using automatic dialling 30
- Electronic telephone directory (selecting a station name in the directory) .. 31

Telephone

- Voice contact (talking to the caller during or after fax reception or transmission) 32
- TONE, RECALL and REDIAL/PAUSE buttons 33
- The Mercury Residential Service 34

Special sending features

- Polling (retrieving fax documents) 38
- Delayed transmission (sending a fax at a later time) 39
- Transmitting documents from memory 40
- Transmitting documents to multistations 41
- Reserving transmission during fax reception 43
- Printing a cover page 43

Special receiving features

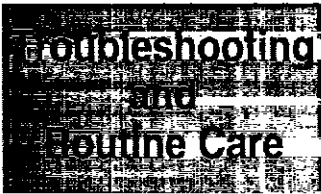
- Remote fax receiving (using an extension telephone to receive a fax message) 44
- Junk mail prohibitor (preventing the reception of unwanted fax documents) .. 45

Enhanced copy features

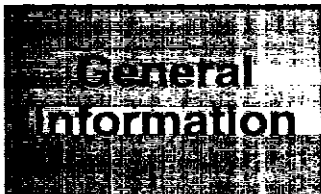
- Making an extension copy 46
- Making a reduction copy 47



Summary of user programmable features	48
Setting the FAX mode ring count	49
Setting the TEL/FAX mode ring count	50
Setting the silent fax recognition ring count	50
Changing the logo print position	51
Sending documents overseas	51
Film/Paper save reception	52
Receiving oversized documents	53
Changing the display contrast	54
Setting the silent detection	54
Setting the memory reception alert	55
Setting the recall mode	55
Setting the friendly reception	56
Signaling your pager that you have received a fax document	57
Setting the film detection	58
Resetting the advanced features	59
ECM communication	60
Printing reports and lists	61



Troubleshooting	
Error messages on the display	64
Before requesting help	66
If a power failure occurs... ..	68
Clearing a recording paper jam	69
Clearing a document jam	71
Adjusting the feeder pressure	71
Routine care	
Checking the remaining film	72
Replacing the film or film cartridge	72
Cleaning the inside of the unit	74



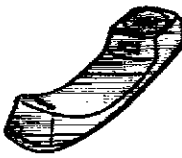

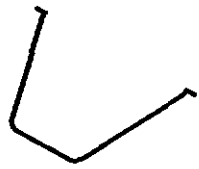

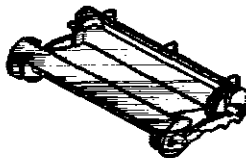



Important information	75
Fitting a plug to the mains lead	77
CONDITIONS OF GUARANTEE	78
Specifications	79
One-touch dialling list	81
Speed dialling list	83
Index	85

Before you start

Included accessories

Before you start

<p>Mains lead 1 pc.</p> 	<p>Telephone line cord 1 pc.</p> 	<p>Handset 1 pc.</p> 	<p>Handset cord 1 pc.</p> 
<p>Diverter 1 pc.</p> 	<p>Paper tray 1 pc.</p> 	<p>Film cartridge 1 pc. (with starter film)</p>  <p>—The film cartridge is pre-installed.</p>	<p>Extension telephone adaptor 1 pc.</p> 

Before you start

- If any items are missing or damaged, contact your supplier.
- Save the original carton and packing materials for future shipping and transporting of the unit.
- For further accessory orders, please contact either your local Panasonic Authorised Dealer or our spare parts distributor SEME Ltd. on 01280 823523 (or fax 01280 814916).

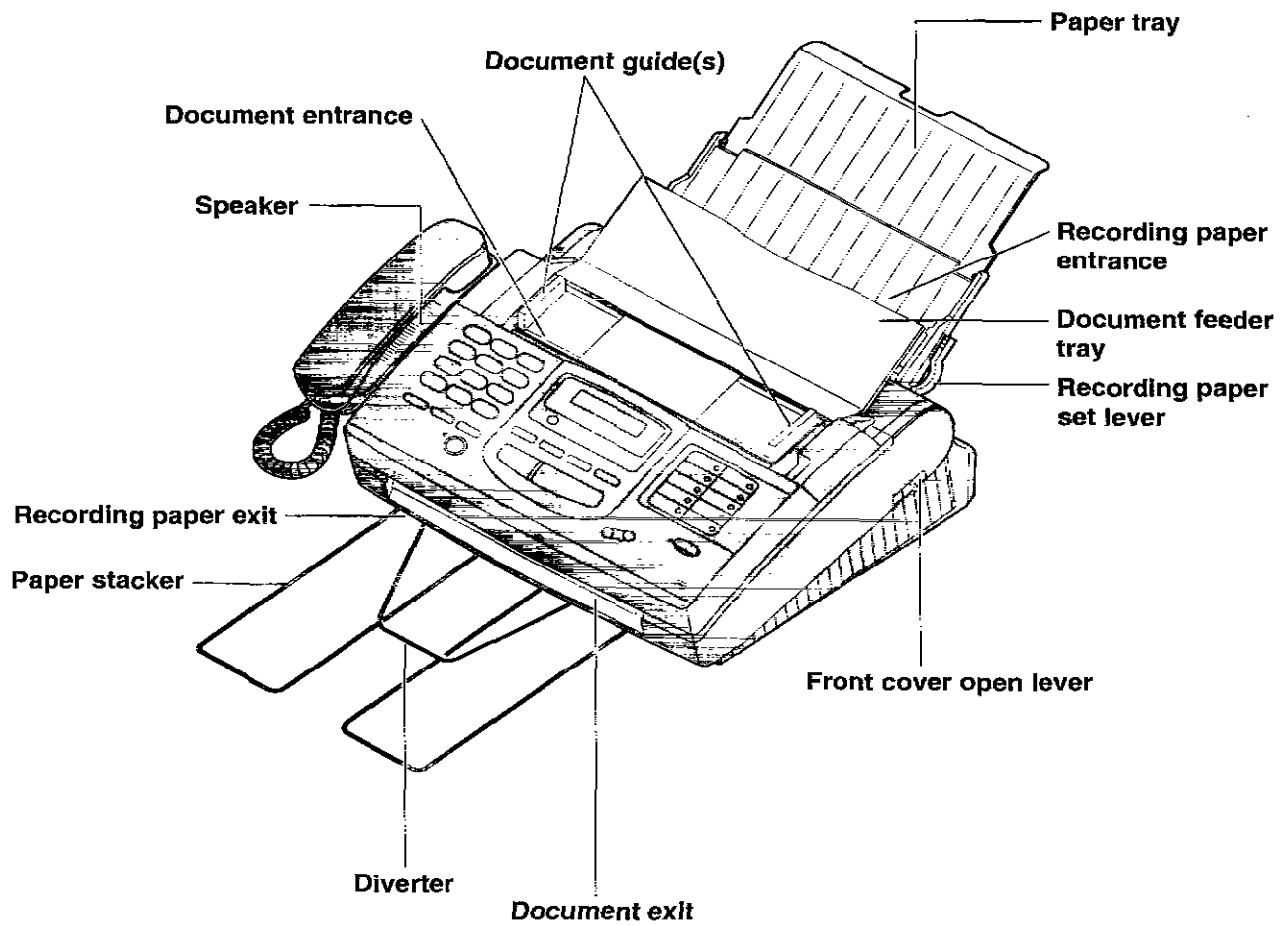
Accessory order information

The film supplied with this unit is only 20 meters (65') long. We recommend buying the replacement film [100 m (328')] for stock.

Model No.	Description	Specifications	Comment
KX-FA135X	Film cartridge	1 cartridge and 1 film [216 mm × 100 m (8½" × 328') roll]	Film has already been installed in the cartridge.
KX-FA136X	Replacement film	2 films [216 mm × 100 m (8½" × 328') rolls]	Film only. Use with your original cartridge.

Caution:
The film is not reusable. If you rewind the used film and use it again, the printout will be faint and letters may be missing.

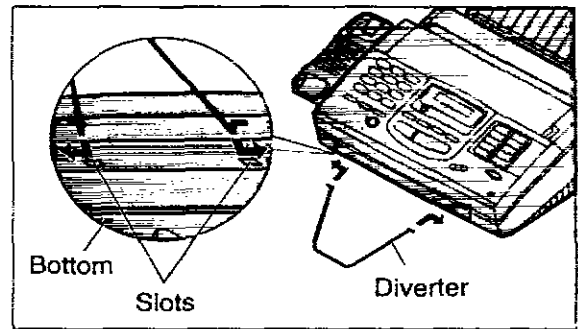
Overview



Installation

Installing the diverter

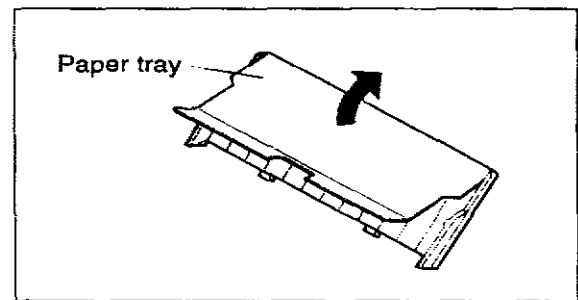
Insert the diverter into the slots on the main unit until it clicks into place.



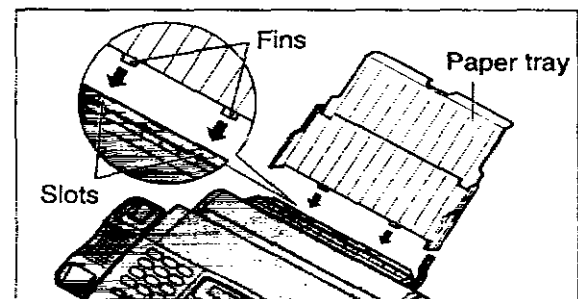
Installing the paper

The recording paper size that can be loaded is A4. The paper tray can hold up to 150 sheets of 75 g/m² (20 lb.) paper. Use 60 to 90 g/m² (16 to 24 lb.) paper.

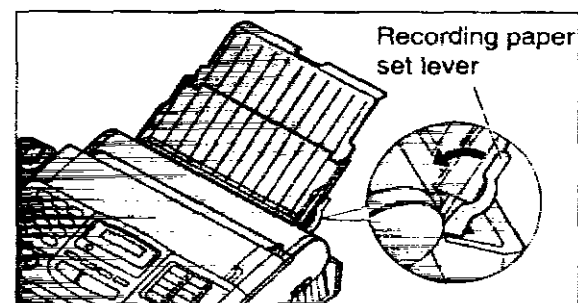
- 1 Open the paper tray.



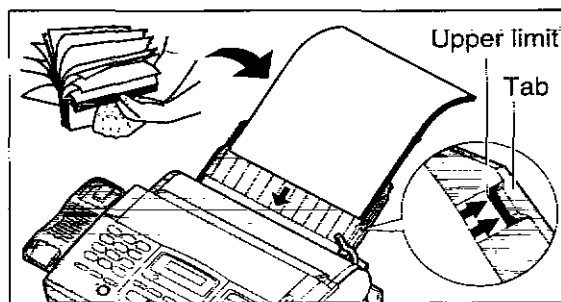
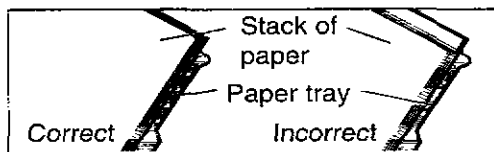
- 2 Insert the two fins on the paper tray into the slots on the back of the unit.



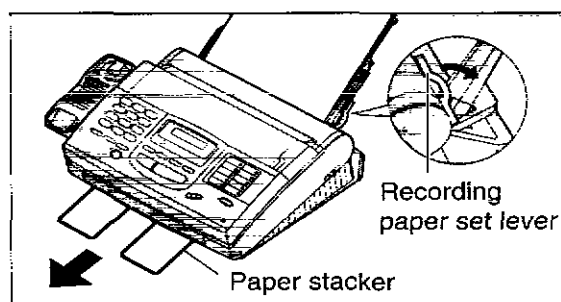
- 3 Pull the recording paper set lever forward.



- 4** Fan the stack of paper to avoid a paper jam and insert the paper into the paper tray.
- The height of the stack of the paper should not exceed the upper limit on the paper tray, or it may cause a paper jam.
 - The paper should not be over the tab.
 - If the paper is not inserted correctly, readjust the paper or a paper jam may occur.



- 5** Move the recording paper set lever back. Pull out the paper stacker completely from the bottom of the unit.
- Do not place the unit in areas where the paper tray may be obstructed by walls, etc.



Note:

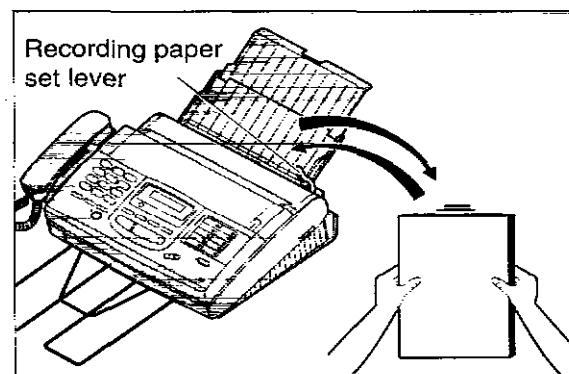
- Do not use different types or thicknesses of paper in the paper tray at the same time. This may cause a paper jam.
- Avoid extremely smooth or shiny paper that is highly textured. Also avoid paper that is coated, damaged or wrinkled or paper with a cotton and/or fiber content that is over 20%.
- Avoid used paper for double-sided printing.
- Do not use paper printed from this unit for double-sided printing with other copiers or printers, or a paper jam may occur.

Adding paper to the paper tray

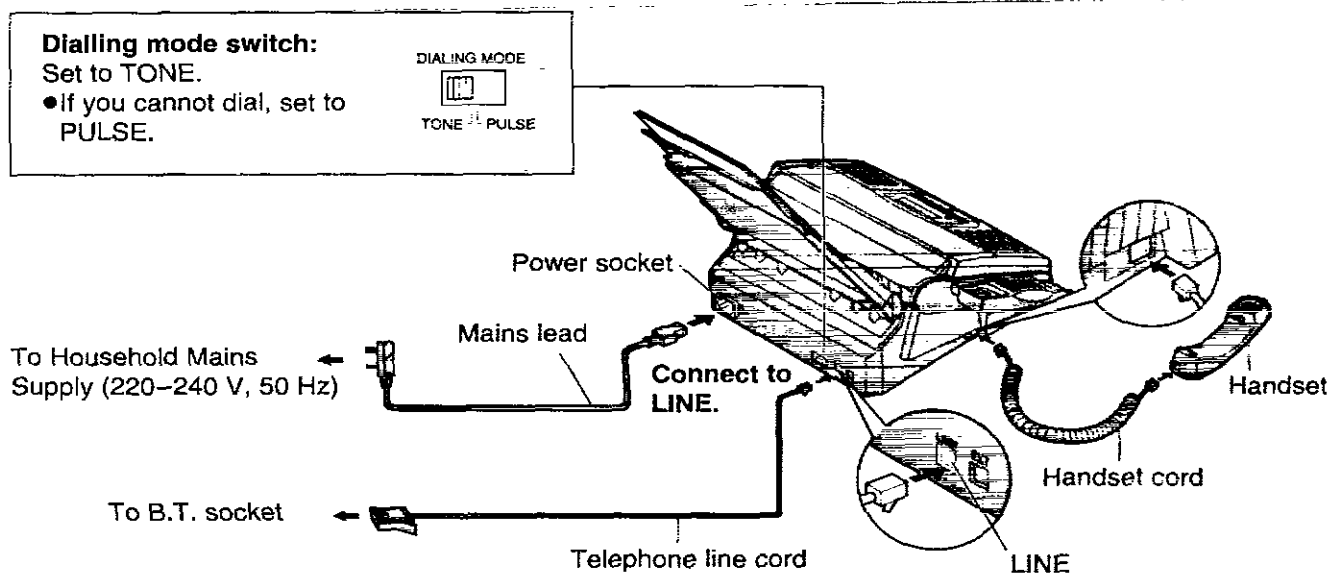
1. Pull the recording paper set lever forward.
 - The unit will beep and the following message is displayed.

Display: CHECK LEVER

2. Remove the paper from the paper tray.
3. Add more paper to the removed paper.
4. Fan the entire stack of paper and insert it into the paper tray.
5. Move the recording paper set lever back.



Connecting the telephone line and the power outlet



Note:

- When you operate this product, the power outlet should be near the product and easily accessible.
- If the following message is displayed when the unit is plugged in, the recording paper set lever is released.

Display: CHECK LEVER

Move the lever back (see step 5 on page 11).

- When a mains power failure takes place, you are only able to use the unit as a standard telephone.
- Telephone line connection and handset connection are at TNV (Telecommunication Network Voltage).
- You can connect an external telephone/answering machine to the external telephone socket (EXT) on this unit (see pages 24 and 44). A voltage drop of 1.3 V at 40 mA will be introduced between the EXT socket and the B.T. socket. If you have difficulty in making a call or experience problems during a telephone conversation, consult your dealer or our service personnel.

Helpful hints when using the external telephone:

If you connect an external telephone or telephone answering machine to the facsimile unit, please take notice of the following.

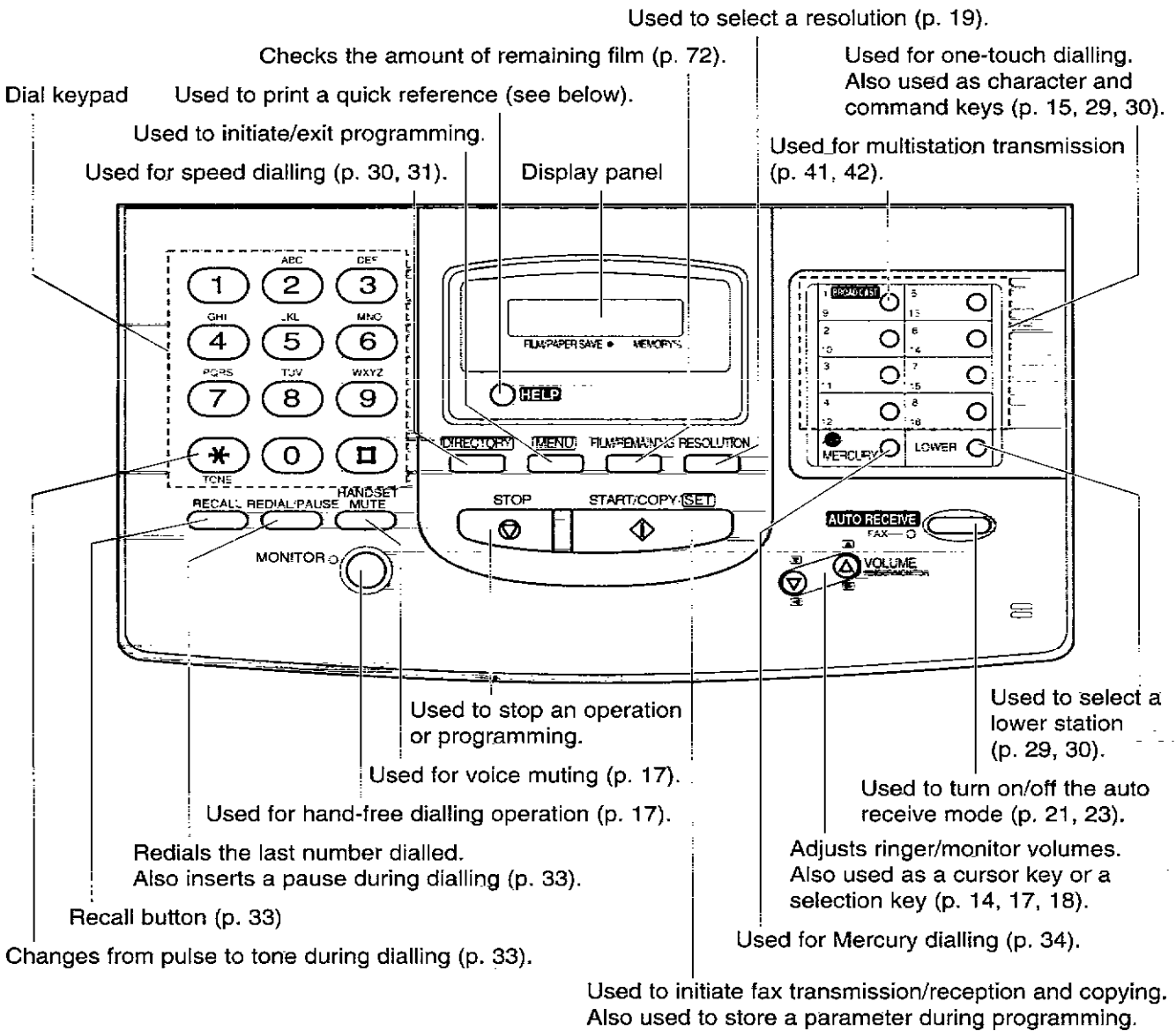
- When an external telephone or telephone answering machine is in use, the facsimile unit will show the following message on the display:

EXT. IN USE

When a call is received in the EXT. TAM mode and you press the MONITOR button of the facsimile unit, the call is switched to the facsimile unit, and the external device will be disconnected.

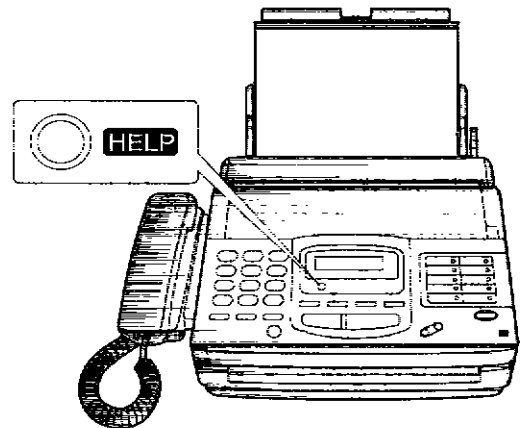
- If no sound is heard when you lift the handset of the external telephone, the facsimile unit is in use.
- In the TEL/FAX mode, only the facsimile unit will ring. You cannot answer a call with the external telephone.

Location of controls



Help function

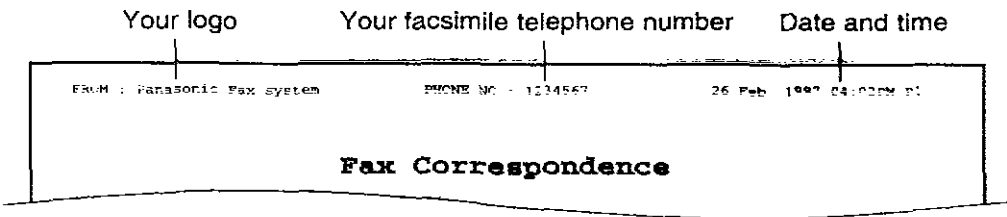
For assistance, press **HELP**. The unit will print a quick reference sheet.



Initial preparation

Before using your unit, program the correct date and time, your logo and your facsimile telephone number.

This information will be printed on the top of each page transmitted from your unit.



Setting the date and time

Initial preparation

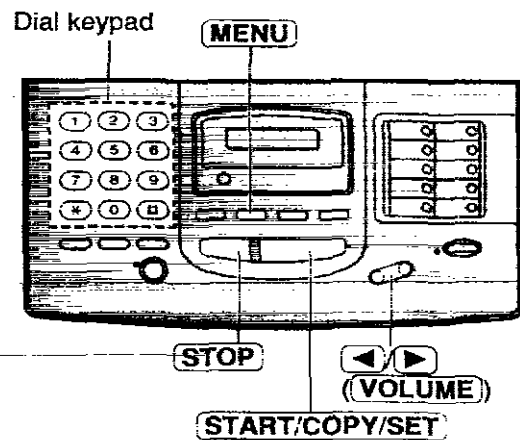
- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **0 1**.
SET DATE & TIME
- 3 Press **START/COPY/SET**.
DAY 01
- 4 Enter the correct day using 2 digits, then press **START/COPY/SET**.
MONTH 01
- 5 Enter the correct month using 2 digits, then press **START/COPY/SET**.
YEAR 97
- 6 Enter the last 2 digits of the year, then press **START/COPY/SET**.
TIME 12:00AM
- 7 Enter the correct hour and minute by selecting each 2 digits.
Press ***** to select AM or PM.

Example: To set 3:00PM

Press **0 3 0 0**, then press ***** until PM is displayed.

- If you make a mistake, press **◀/▶** (**VOLUME**) to move the cursor to the incorrect number, then make corrections.

- 8 Press **START/COPY/SET**.
- 9 Press **MENU**.



Note:

- Do not enter 24 hour clock time as this unit will only accept 12 hour clock entries.
- If you press **STOP** while programming, the display will return to the previous one.
- The accuracy of the clock will be approximately ± 60 seconds a month.

Setting your logo

The logo can be a company, division or personal name in an abbreviated form.

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

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

3 Press **START/COPY/SET**.
LOGO=

4 Enter your logo up to 30 characters using the dial keypad and one-touch memory keys.
For example, when entering "Bill" as your logo:

1. Press **2** twice. LOGO=B

2. Press **4** six times. LOGO=Bi

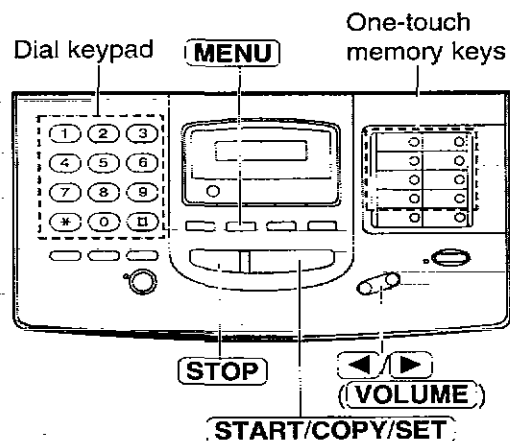
3. Press **5** six times. LOGO=Bill

4. Press **▶** (**VOLUME**) to move the cursor and press **5** six times. LOGO=Bill

Note:
• If you use the same number key continuously to enter the next character, press **▶** (**VOLUME**) to move the cursor.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Character table

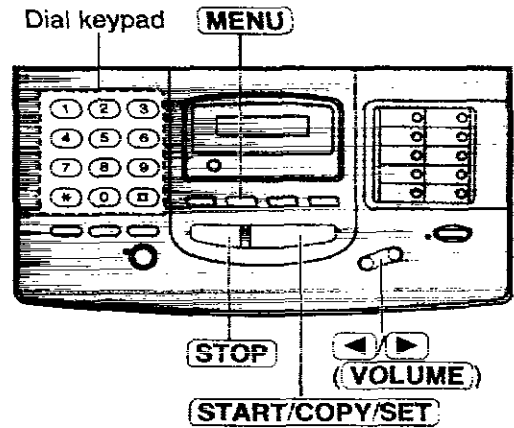
Keys	Characters
Dial keys	1 1 [] { } + - / = . , _ ' .
	2 A B C a b c 2
	3 D E F d e f 3
	4 G H I g h i 4
	5 J K L j k l 5
	6 M N O m n o 6
	7 P Q R S p q r s 7
	8 T U V t u v 8
	9 W X Y Z w x y z 9
	0 0 () < > ! " # \$ % & ¥
One-touch memory keys	1 ◻ : ; ? × @ ^ ' →
	2 ◻ INSERT key (Used to insert one character or one space.)
	3 ◻ SECRET key (Used for automatic dialling on page 29.)
	5 ◻ SPACE key (Used to replace one character with a space.)
	6 ◻ DELETE key (Used to delete one character.)
	7 ◻ HYPHEN key (Used to insert a hyphen.)
	◀ ◻ ◀ key (Used to move the cursor to the left.)
▶ ◻ ▶ key (Used to move the cursor to the right.)	

To correct a mistake while programming

Use **◀**/**▶** (**VOLUME**) to move the cursor to the incorrect character, then make the correction.
or
Press **STOP** to delete the character to the left of the cursor.

Setting your facsimile telephone number

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **0** **3**.
YOUR TEL NO.
- 3 Press **START/COPY/SET**.
NO. =
- 4 Enter your facsimile telephone number up to 20 digits.
 - The **#** button inserts a space and the ***** button a "+".
 - To correct a mistake:
Use **◀/▶** (**VOLUME**) to move the cursor to the incorrect character, then make the correction.
or
Press **STOP** to delete the character to the left of the cursor.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



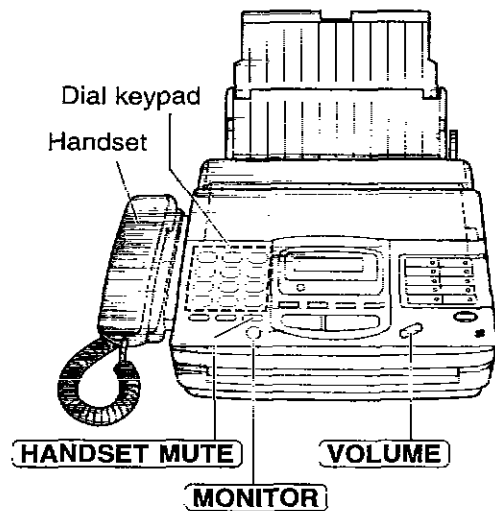
Note:

- We recommend you to write down your facsimile telephone number on the telephone number card (white label) of the handset cradle.

Basic operations

Making voice calls

- 1 Press **MONITOR** or lift the handset.
- 2 Dial the telephone number.
 - If you misdial, hang up and dial again.
- 3 When the other party answers, use the handset.
- 4 When finished, hang up the handset.



Voice muting

Using this feature, the other party cannot hear you but you can hear them.

1. Press **HANDSET MUTE** during a telephone conversation.

Display: <MUTE>

2. To resume the conversation, press **HANDSET MUTE**.

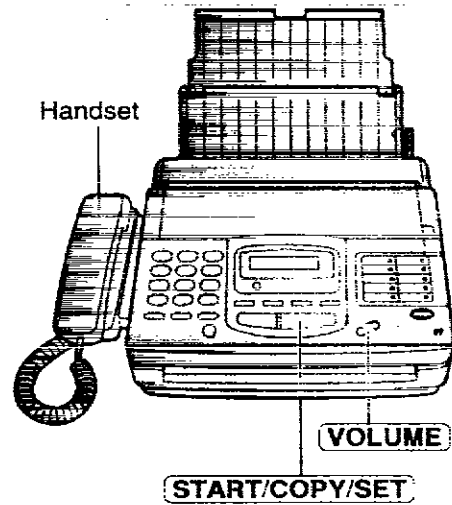
Monitor volume

Press **VOLUME** (**▼**/**▲**) while using the monitor.

- 8 levels (high to low) are available.

Answering voice calls

- 1 When the unit rings, lift the handset.
- 2 When finished, hang up the handset.

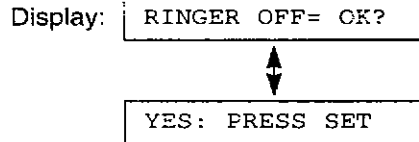


Ringer volume

Press **VOLUME** (▼/▲) while the unit is idle.
•4 levels (high/middle/low/off) are available.

To turn the ringer off:

1. Press **VOLUME** (▼) repeatedly.
 - The following messages will be shown alternately:



2. Press **START/COPY/SET**.

While the ringer volume is set to off:

The display will show the following message and the unit will not ring when receiving a call:

RINGER OFF

When receiving a call, the unit will not ring, but will show the following message:

INCOMING CALL

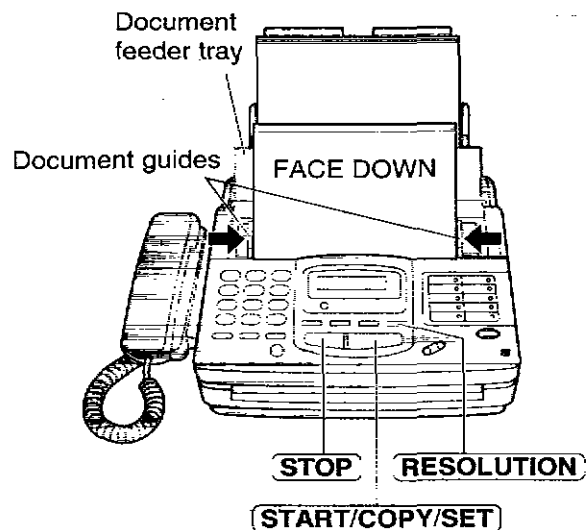
Making a copy

Any transmittable document can be copied.

- 1 Open the document feeder tray.
- 2 Insert the document (up to 15 sheets) **FACE DOWN** until a beep tone is heard.
- 3 Adjust the document guides to the width of the document.
- 4 Press **RESOLUTION** repeatedly to the desired setting, if needed (see below).
- 5 Press **START/COPY/SET**.
 - The unit will start printing.

Note:

- When copying, the unit will automatically select FINE resolution.
- You can make or receive a voice call while making a copy.

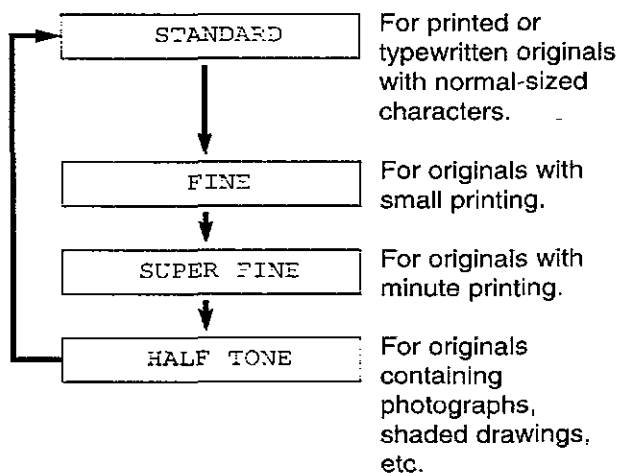


To stop copying

Press **STOP**.

Selecting the resolution

You can select the desired resolution by pressing **RESOLUTION**.



Note:

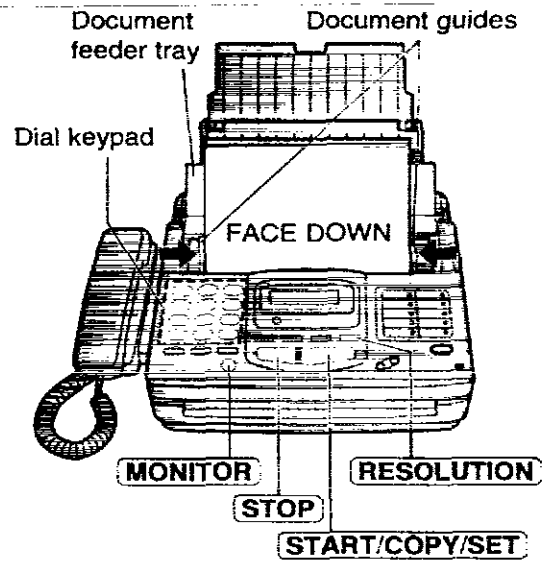
- Using the fine, super fine or half tone setting will increase the transmission time.
- If the resolution setting is changed during feeding, it will be effective from the next sheet.
- The super fine resolution only works with other compatible machines.

To feed 16 or more sheets at a time

Insert the first 15 sheets of the document. Add the extra sheets (up to 15) before the last sheet is fed into the unit.

Transmitting documents

- 1 Open the document feeder tray.
- 2 Insert the document **FACE DOWN** (up to 15 sheets) until a beep tone is heard.
- 3 Adjust the document guides to the width of the document.
- 4 Press **RESOLUTION** repeatedly to the desired setting, if needed (see page 19).
- 5 Press **MONITOR** or lift the handset.
- 6 Dial the telephone number.
 - If you misdial, hang up and dial again.
- 7 **When a fax tone is heard, press **START/COPY/SET**.**
- 8 Hang up the handset, if using it.



Note:

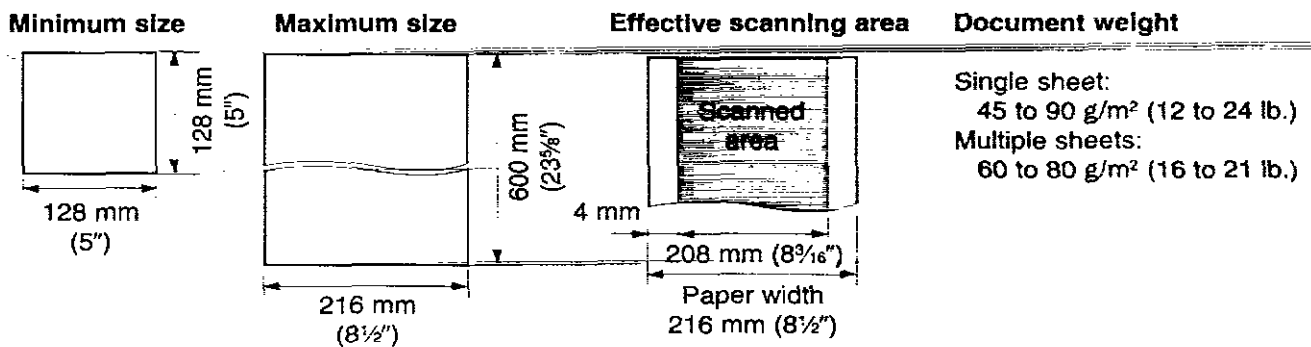
- If the other party answers your call, ask them to start receiving a fax, then press your **START/COPY/SET**.

To stop transmission

Press **STOP**.

- To eject the document, press **STOP** again.

Documents the unit can feed



Note:

- Remove clips, staples or other similar fastening objects.
- 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)

Receiving documents (receive mode, etc.)

Setting the receive mode

The unit has two receive modes:

The **AUTO RECEIVE** mode allows your unit to receive all calls automatically without your assistance.

Use this mode when you wish to use the unit solely as a facsimile machine or when you are going out.

The **MANUAL RECEIVE** mode lets you answer calls by lifting the handset. Use this mode when you are in and wish to answer voice and fax calls.

These modes can be selected by pressing the **AUTO RECEIVE** button.

AUTO RECEIVE and MANUAL RECEIVE have two different receive settings.



MANUAL RECEIVE MODE



The FAX indicator is off.

TEL mode (pre-selected)	Allows you to answer all calls manually.
	<p>When the unit rings, you must answer all calls by picking up the handset.</p> <ul style="list-style-type: none"> •When a fax call is received, you can start fax reception by pressing the START/COPY/SET button. For further details, see page 22. •If you answer a fax call using an extension telephone connected to the same line, you can start fax reception remotely by pressing *9. For further details, see page 44.
TEL/FAX mode	Automatic voice and fax recognition
	<p>When a fax call is detected, the unit will automatically answer the line and start reception. When a voice call is detected, the unit will start to ring. You can lift the handset to answer the call. For further information about this mode, see pages 27 and 28.</p> <p>To change the number of rings before a call is answered, see page 50.</p>

AUTO RECEIVE MODE



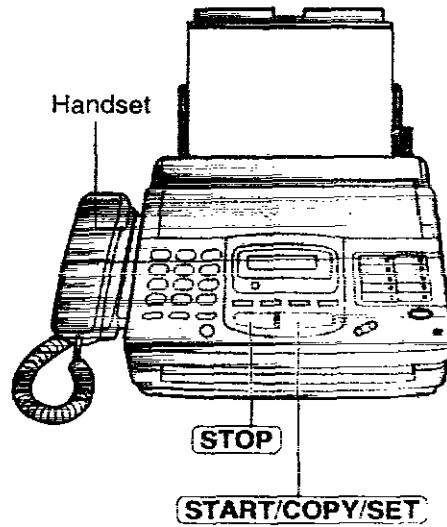
The FAX indicator is on.

FAX mode (pre-selected)	Receives fax documents only.
	<p>The unit will answer all calls automatically and activate the fax function (see page 23). To change the number of rings before a call is answered, see page 49.</p>
EXT.TAM mode	Records voice messages and/or receives fax documents (used with an external telephone answering machine).
	<p>When a voice call is detected, the telephone answering machine will record the voice message. When a fax call is detected, the facsimile unit will receive fax documents. For further information about this mode, see pages 24 through 26.</p>

Receiving documents (receive mode, etc.) (cont.)

Allowing you to answer all calls manually (TEL mode)

- 1 When the unit rings, lift the handset to answer the call.
- 2 When:
 - document reception is required,
 - a slow beep is heard, or
 - no sound is heard,
 press **START/COPY/SET**.
- 3 Hang up the handset.



Note:

- If you do not answer a call within 20 rings, the unit will temporarily activate the fax function to receive documents.

Friendly reception

When you answer the call and hear a slow beep, the unit will automatically start reception even if you do not press **START/COPY/SET**.

- If this feature is not required, set to OFF (see page 56).

To stop reception

Press **STOP**.

Memory reception

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

While documents are in memory, the unit will:

- display an error message and the following message alternately:

Display: FAX IN MEMORY

—alert you with a slow beep (Receive alert).

- Follow the instructions on pages 64 and 65 to clear the problem and print the stored document.
- For memory capacity, see page 79.

Receiving fax documents only (FAX mode)

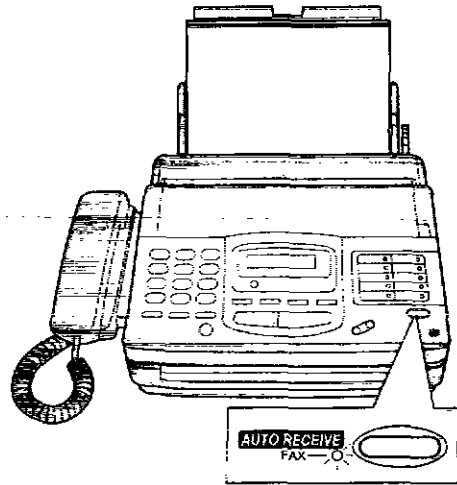
Setting up the unit for fax reception

Turn on the AUTO RECEIVE mode by pressing **AUTO RECEIVE** until the FAX indicator light goes on.

- The display shows the following message: □

Display: FAX MODE

- The unit will automatically answer all calls and only receive fax documents.
- The number of rings before a call is answered can be changed. See page 49.



The FAX indicator is on.

Special receiving modes

EXT.TAM mode

(recording voice messages and/or receiving documents)

This unit can be connected to an external telephone answering machine (TAM). When the EXT.TAM mode is set, the facsimile unit and telephone answering machine will work as follows:

■ Receiving voice calls

The telephone answering machine will record voice messages automatically.

■ Receiving fax calls

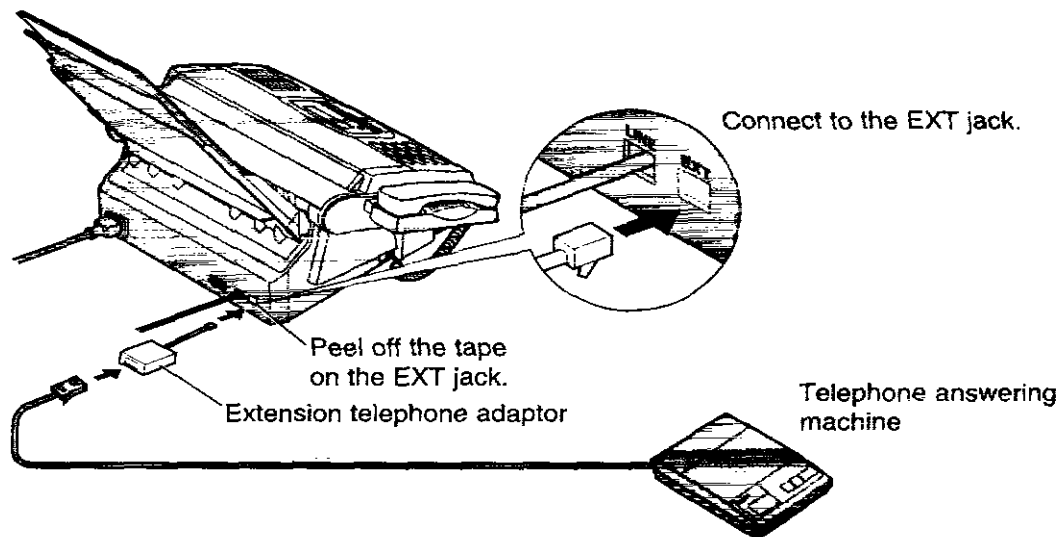
The facsimile unit will activate the fax function to receive documents automatically.

■ Receiving a voice message and fax document in one call

The telephone answering machine will record the voice message first; then the facsimile unit will be activated at the caller's request and receive documents. For further details, see "Leaving a voice message and sending fax documents to your unit" on page 26.

Connecting a telephone answering machine

- 1 Connect the telephone answering machine to the EXT jack.



- 2 Set the number of rings on the telephone answering machine to less than 4.
 - This will give the answering machine an opportunity to answer the line first.
- 3 Record a greeting message referring to the example below.

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

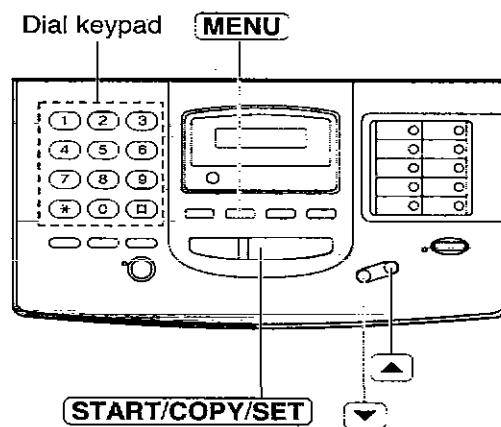
Note:

- Do not pause for more than 4 seconds in the greeting message. If a 4-second pause is stored in the greeting message, all incoming calls will be routed to the facsimile unit from the answering machine, even while the greeting message is playing.
- We recommend that you keep your greeting message to 10 seconds in length. If a greeting message is too long, some incoming fax calls may not be answered by the facsimile unit.
- If your answering machine is equipped with a remote operation feature, set the same remote access code on the answering machine to the facsimile unit as the remote TAM activation ID (see page 26).

Changing the setting of the AUTO RECEIVE mode

Change the AUTO RECEIVE setting from the FAX mode to the EXT.TAM mode.

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **0 5**.
AUTO RECEIVE
- 3 Press **START/COPY/SET**.
MODE=FAX [▼▲]
- 4 Press ▼ or ▲ to select EXT.TAM.
MODE=EXT.TAM [▼▲]
•To return to the FAX mode, select FAX.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



Using the EXT.TAM mode

To set the facsimile unit and telephone answering machine to receive voice messages and send fax messages, proceed as follows:

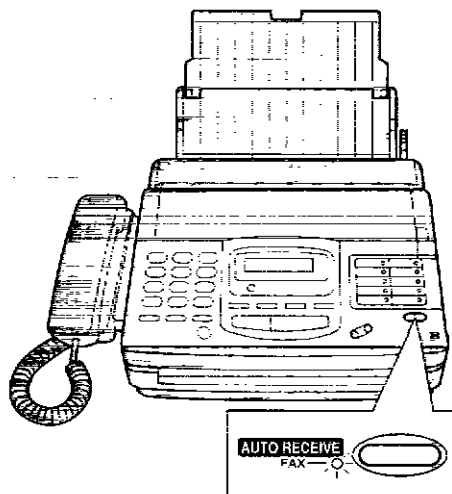
- 1 Turn on the answering machine.
•If the answering machine is not turned on, all incoming calls will be answered by the facsimile unit and callers cannot leave messages.
- 2 Press **AUTO RECEIVE** on the facsimile unit until the FAX indicator light goes on.
•The display shows the following message:

Display: EXT.TAM MODE

Note:

- Every time the facsimile unit receives a document, a silent pause or a fax tone may be recorded on the answering machine.
- Set the receive mode of the facsimile unit to the TEL mode under the following conditions:
 - when you wish to set the number of rings on the answering machine to more than 5, or
 - when you wish to use the auto transfer functions (transfer, pager alert, etc.) on the answering machine.

Note that automatic fax sending cannot be received automatically in the TEL mode.



EXT.TAM mode (cont.)

Securing the remote operation for the answering machine (remote TAM activation ID)

Some remote codes on your answering machine may be the same as the remote fax activation code on the facsimile unit. This feature prevents the facsimile unit from activating the fax function when you operate the answering machine from a remote location using the same remote code.

Set the same remote access code on the answering machine to the facsimile unit as the remote TAM activation ID.

Important:

- This ID should be different from the remote fax activation code (see page 44).

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

2 Press **#**, then **1** **2**.
REMOTE TAM ACT.

3 Press **START/COPY/SET**.
MODE=OFF [▼▲]

4 Press ▼ or ▲ to select "ON".
MODE=ON [▼▲]

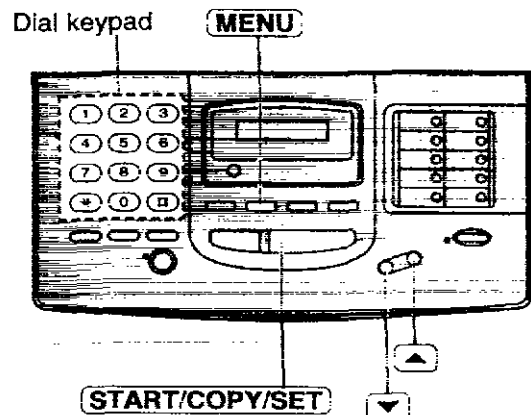
5 Press **START/COPY/SET**.
ID=11

- The display will show the pre-selected ID.
- This ID can be from 1 to 5 digits in length using numbers 0 through 9, and the characters * and #.

6 Enter your remote TAM activation ID number using the dial keypad.

7 Press **START/COPY/SET**.

8 Press **MENU**.



Leaving a voice message and sending fax documents to your unit

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

1. The caller calls your unit.
 - The external telephone answering machine will answer their call.
2. The caller can leave their message after the greeting message.
3. Have the caller press ***9** (remote fax activation code).
 - The facsimile unit will activate the fax function.
4. The caller must then press their START button to send a document.

Note:

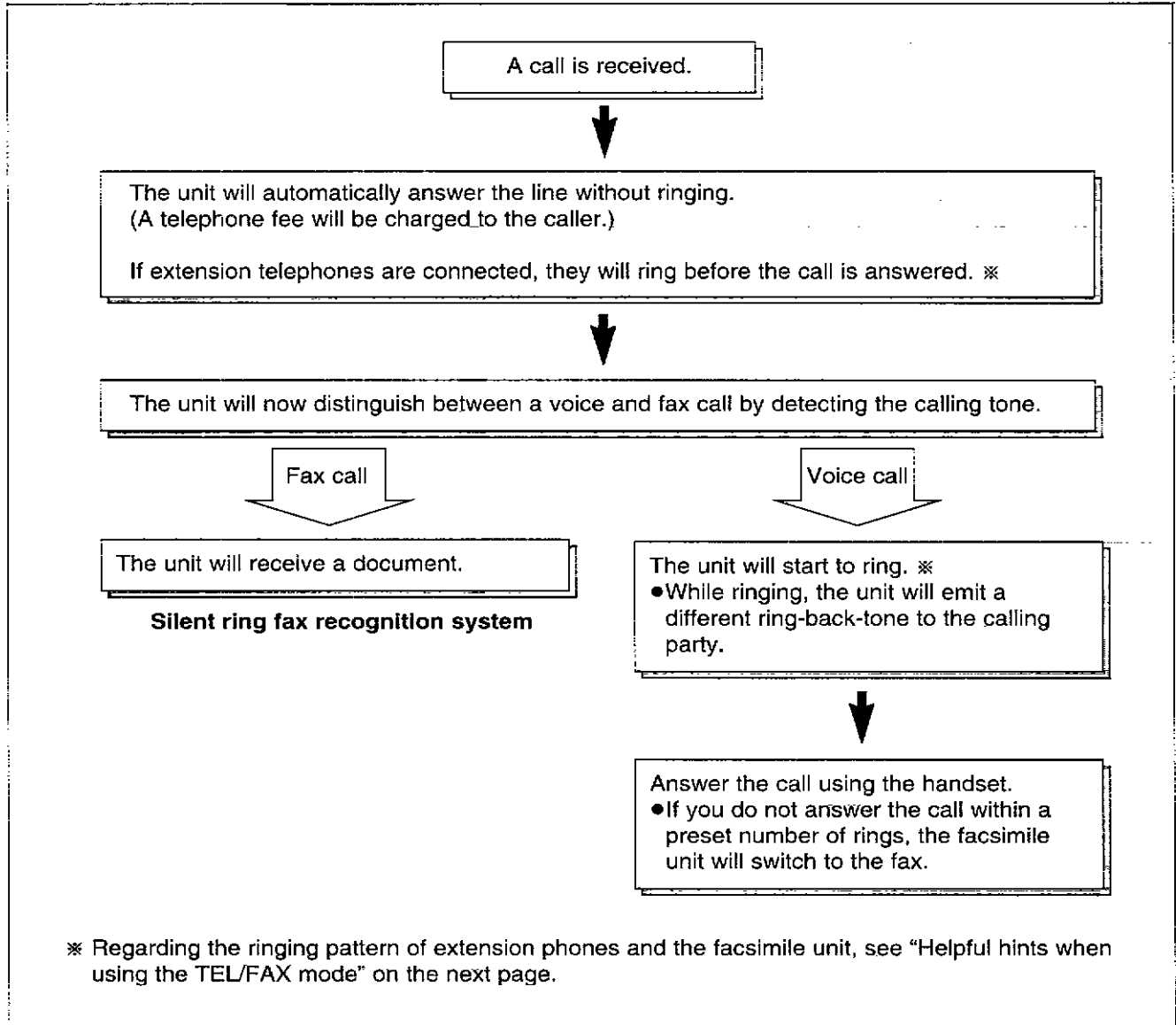
- The remote fax activation code can be changed. See page 44.

TEL/FAX mode

(automatic voice and fax recognition)

Use this mode when you wish to receive voice calls with rings, but do not want to hear the unit ring when faxes are received.

When a call is received, the unit will work as follows:



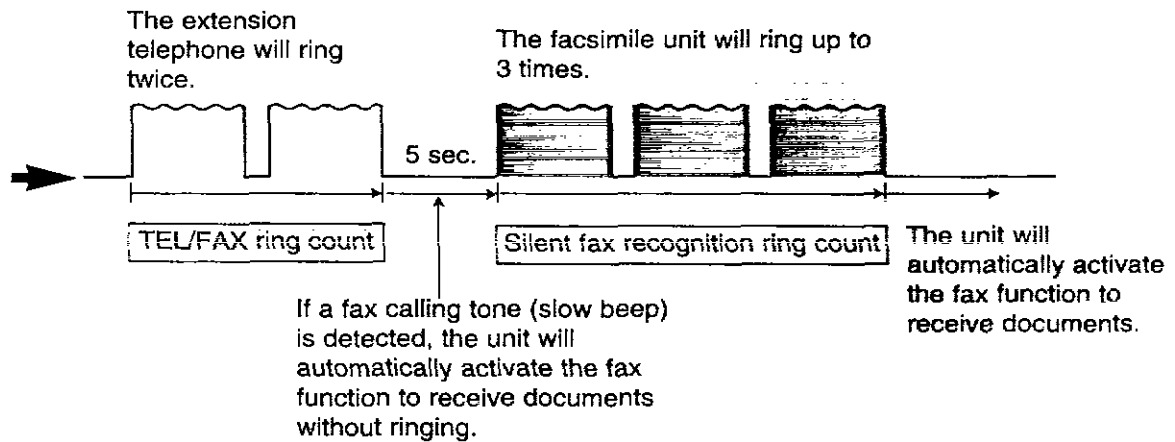
Note:

- Some fax messages that are transmitted manually may not send a calling tone. These calls must be received manually.

TEL/FAX mode (cont.)

Helpful hints when using the TEL/FAX mode

- If an extension telephone is connected, the facsimile unit and the extension telephone will ring as follows.



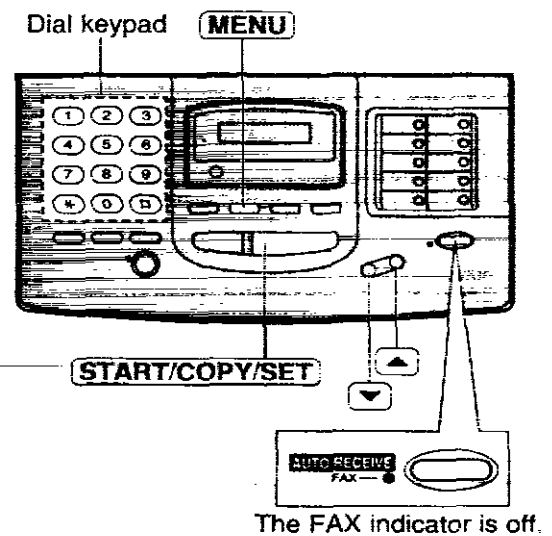
Note:

- You can change the number of rings for the TEL/FAX ring count and silent fax recognition ring count (see page 50).

Setting the TEL/FAX mode

Change the MANUAL RECEIVE setting from the TEL mode to TEL/FAX mode.

- 1 Press **MENU**.
Display: **SYSTEM SET UP**
- 2 Press **#**, then **0** **8**.
MANUAL RECEIVE
- 3 Press **START/COPY/SET**.
MODE=TEL [▼▲]
- 4 Press ▼ or ▲ to select TEL/FAX.
MODE=TEL/FAX [▼▲]
- To return to the TEL mode, select TEL.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.
- 7 If the FAX indicator light is on, press **AUTO RECEIVE** to turn off the AUTO RECEIVE mode.
TEL/FAX MODE



Automatic dialling

Storing telephone numbers for automatic dialling

The unit's memory allows you to use both one-touch dialling and speed dialling for rapid access to your most frequently dialled numbers.

One-touch dialling: 16 stations (Each of the 8 one-touch memory keys is divided into an upper station and a lower station).

- The one-touch memory 1 key can be used as one-touch memory 1 (DIAL MODE) or as a broad cast key (PROG. MODE). Both functions cannot be used at the same time.

Speed dialling: 100 additional dialling stations. These stations are assigned to 2-digit numbers (00–99).

1 Press **MENU** until the following message is displayed.

Display: STORE TEL NO.

2a One-touch dialling:

For upper stations (1–8)

Press one of the one-touch memory keys.

- If you select one-touch memory 1, select "DIAL MODE" by pressing **▼**, then press **START/COPY/SET** to go to the next prompt.

For lower stations (9–16)

Press **LOWER**, then press one of the one-touch memory keys.

2b Speed dialling:

Press **■**, then press the desired 2-digit number (00–99).

3 Enter the telephone number up to 30 digits in length.

- To enter a hyphen in a telephone number, press **HYPHEN** (one-touch memory 7).

4 Press **START/COPY/SET**.

NAME=

5 Enter the station name, up to 10 characters, by following the instructions on page 15.

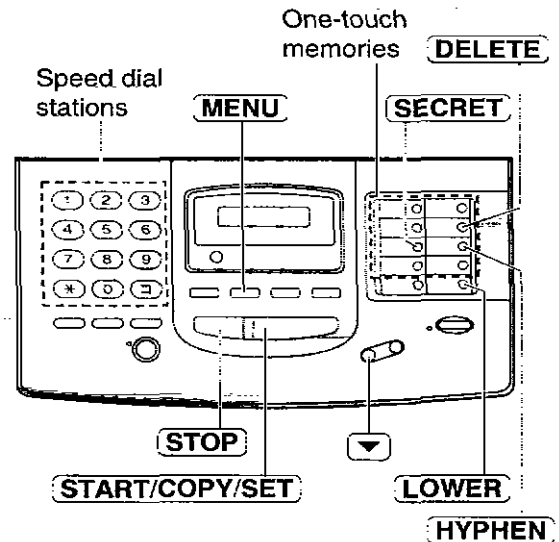
6 Press **START/COPY/SET**.

- To program other stations, repeat steps 2a (or 2b) to 6.

7 Press **STOP**.

Helpful hint:

- To confirm stored telephone numbers and station names, print a telephone number list (see page 61).



To keep the telephone number confidential

Press **SECRET** (one-touch memory 3) after entering the telephone number.

- The telephone number will not appear on the display and the telephone number list.
- SECRET** is not counted as a digit.

To erase a stored number and station name

Press **STOP** in step 3 to erase the telephone number. Press **DELETE** (one-touch memory 6) repeatedly in step 5 until all of the characters are erased.

Then, press **START/COPY/SET**.

Making voice calls using automatic dialling

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

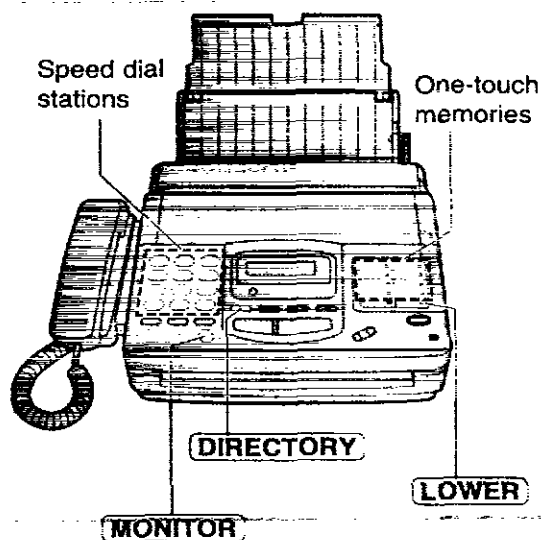
2a Using one-touch dialling:

For upper stations (1–8)
Press the desired one-touch memory key.
For lower stations (9–16)
Press **LOWER**, then press the desired one-touch memory key.

2b Using speed dialling:

Press **DIRECTORY**, then press **#** and the desired 2-digit number (00–99).

3 When the other party answers, speak with the handset.



Transmitting documents using automatic dialling

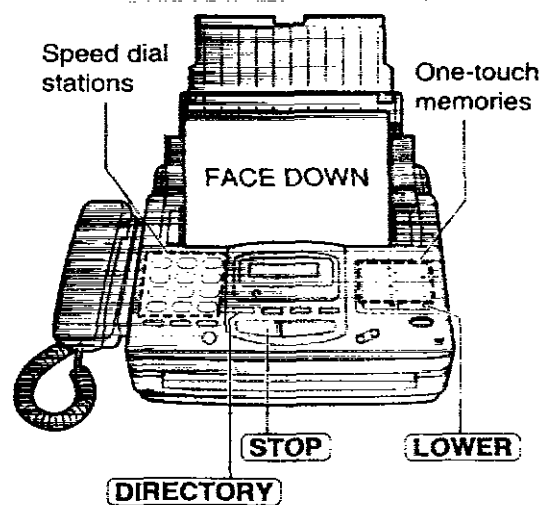
1 Insert the documents **FACE DOWN**.

2a Using one-touch dialling:

For upper stations (1–8)
Press the desired one-touch memory key.
For lower stations (9–16)
Press **LOWER**, then press the desired one-touch memory key.

2b Using speed dialling:

Press **DIRECTORY**, then press **#** and the desired 2-digit number (00–99).



Fax auto redial

If there is no answer or the line is busy, the unit will automatically redial the number up to 3 times. This feature is also available for delayed transmission (p. 39), and receive polling (p. 38). During auto redial, the display shows:

Display: **WAITING REDIAL**

To cancel redialling, press **STOP**.

Electronic telephone directory

(selecting a station name in the directory)


The station names stored in memory are automatically registered into the electronic telephone directory in alphabetical order. You can make a fax or voice call by selecting the desired station name on the display.

If you wish to send a fax, insert the documents into the document tray first.



1 Press **DIRECTORY**.

Display: SELECT INDEX

2 Press the dial key that corresponds to the first initial of the desired station name (see the index table below).

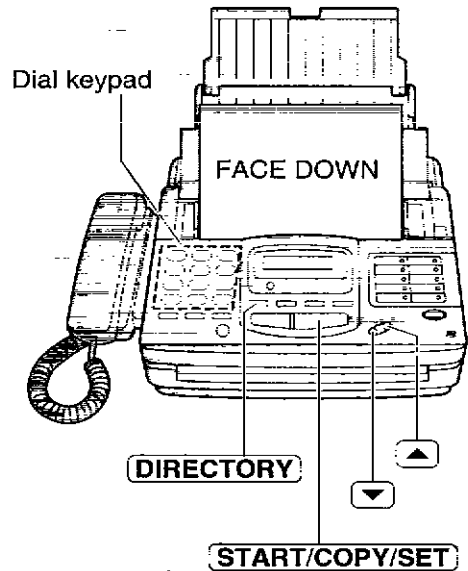
Example: To search a name starting with "N":
Press **6** until the first station name starting with "N" is displayed. Press  until the desired name is displayed.













OR

Press  or  repeatedly until the desired name is displayed.

3 Press **START/COPY/SET**.

- The unit will start dialling.
- If a document is fed into the unit, the unit will start transmission.



Dial key	Index	Dial key	Index
	1		P, Q, R, S, 7
	A, B, C, 2		T, U, V, 8
	D, E, F, 3		W, X, Y, Z, 9
	G, H, I, 4		0
	J, K, L, 5		Other symbols
	M, N, O, 6		(Used for speed dialling.)

Telephone

Voice contact

(talking to the caller during or after fax reception or transmission)

You can have a conversation with the same call after the fax message is completed. This will save the extra expense and time of making another call.

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

Initiating voice contact

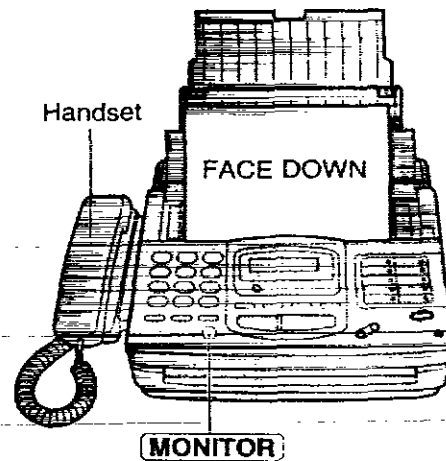
- 1 Press **MONITOR** while transmitting or receiving documents.

Display: VOICE STANDBY

- Your unit will call the other party with a distinctive ring.

- 2 When the other party answers, your unit will emit a distinctive ring. Lift the handset to start talking.

- If you initiate voice contact during transmission, you can talk after all of the documents have been transmitted.
- If you initiate voice contact during reception, you can talk after the current page of the document is received.



Receiving a request for voice contact

If the other party initiates voice contact, your unit will emit a distinctive ring after transmission or reception is completed.

When the distinctive ring is heard, lift the handset, then start talking.

Note:

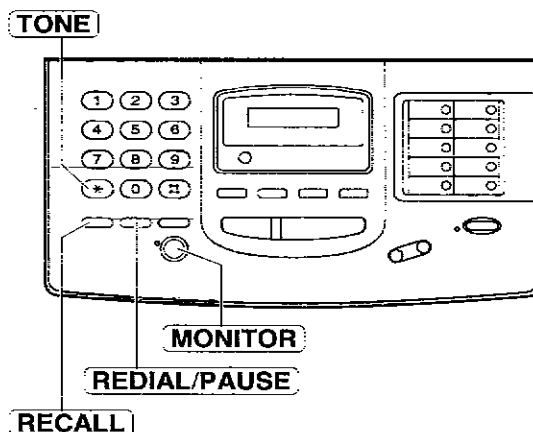
- If you do not answer within 10 seconds of the distinctive ring, the line will automatically be disconnected.

TONE, RECALL and REDIAL/PAUSE buttons

Temporary tone dialling

If your line has rotary service, pressing the TONE (*) button allows you to change the dialling mode temporarily into tone. Then you can dial the numbers or codes needed to operate the answering system or to use electronic banking services and other special services.

When you hang up, the dialling mode returns to pulse automatically.



RECALL button (To use the recall feature)

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

Example: British Telecom call waiting

1. Ensure that you have set the RECALL MODE to the T_BR (Time Break Recall). See page 55.
2. When the call waiting tone is heard during a conversation, press **RECALL**.
3. When dial tone is heard, dial **2**.
The first call is put on hold and you can have a conversation with the second party.

Note:

- TONE, RECALL and PAUSE can be stored into a telephone number for automatic dialling.

4. **To keep the present call and return to the first call:**

Press **RECALL**, then dial **2**.

To hang up the first call:

Press **RECALL**, then dial **0**.

To hang up the present call and return to the first call:

Press **RECALL**, then dial **1**.

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

Redialling the last number dialled

If the REDIAL/PAUSE button is pressed immediately after a dial tone is obtained, the last number dialled will be redialled.

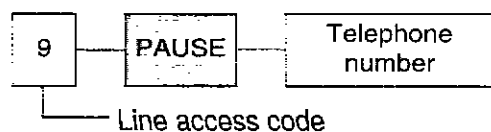
1. Lift the handset or press **MONITOR**.
2. Press **REDIAL/PAUSE**.

- If the line is busy when using the MONITOR button, the unit will automatically redial the number up to 3 times.

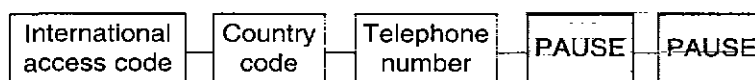
PAUSE button (For PBX users)

If your unit is connected to a PBX, you need to dial an access number (usually 9) to get an outside line. In this case, inserting a pause between the access number and the telephone number is necessary especially when redialling or storing the number into memory. Pressing **REDIAL/PAUSE** creates a dialling delay in the dialling sequence.

Example-1: When your unit is connected to a host exchange, insert a pause to get an outside line.



Example-2: If transmission errors occur when making an overseas transmission, add two pauses at the end of the telephone number.



The Mercury Residential Service

Mercury's Residential Service is a highly competitive telephone service for the residential and small business user.

Most UK long distance and international calls are cheaper over Mercury, especially in the Economy period.

Mercury calls are rounded to the second, and charged to the nearest tenth of a penny. You will also receive fully itemised bills. Mercury Customer Services are available 24 hours a day to provide the highest level of customer service.

There are two ways to access Mercury, the Residential 132 Service and the Mercury PIN Codes Service. You can find out the best method for you by calling Mercury Customer Services on FreeCall 0500-500 194 (24 hours). Most homes and businesses are now able to access the Mercury network via their existing BT line. Mercury Customer Services will be able to check whether Mercury is available in your area.

All Mercury's charges and tariffs are the same for both methods of accessing Mercury—the only difference is how you connect to the Mercury network.

For Residential 132 Service customers

Once you have become a Mercury Residential 132 customer, you simply dial 132 before a long distance or international call to send it over the Mercury network.

The Mercury button on your unit comes with the digits '132' pre-stored in it.

To check that you have access to Mercury, press **MONITOR**, wait for the dial tone, press **MERCURY**, and dial 132. This call is free of charge. You should be connected to a recorded message welcoming you to the Mercury network. If you have any difficulties, please contact Mercury Customer Services (Fault Reporting) on FreeCall 0500-500 193 (24 hours).

To send your long distance and international calls over Mercury, press **MERCURY** before the STD code and telephone number of the person you are calling.

For further details on Mercury dialling operation, see page 36.

For Mercury PIN Codes Service customers—Programming the MERCURY button with your PIN Code

After you apply for Mercury PIN Codes Service you will receive a Mercury PIN Code in two separate parts. The PIN Code, which is similar to bank PIN number, identifies you as a Mercury customer and will need to be stored in the unit's memory using the MERCURY button.

Before programming your unit with the Mercury PIN Code, you must ascertain which type of local BT exchange you are connected. See page 12.

1 Ensure that the unit is plugged into the BT socket.
Reset the Mercury dial memory (see page 37).

2 Press **MENU** until the following is displayed.

STORE TEL NO.

3 Press **MERCURY**.

< [M] >=132

4 Dial 1 3 1.

< [M] >=131

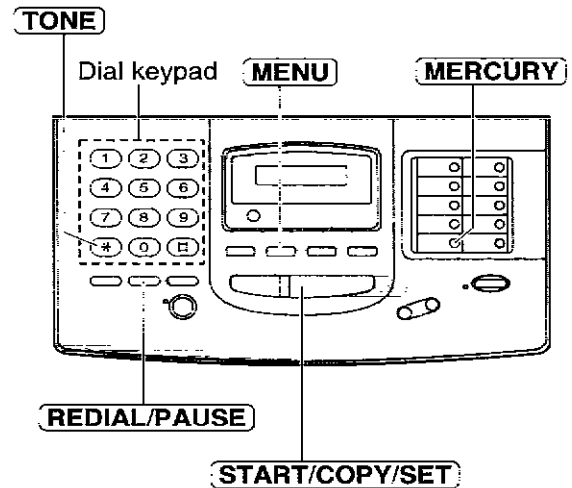
5 If you are connected to a Tone exchange:
Press **REDIAL/PAUSE** once (twice if programming proves unsuccessful).
or

If you are connected to a Pulse exchange:
Press **-tone**, then press **REDIAL/PAUSE**.

6 Dial the digits of the Mercury PIN Code (part 1 then part 2).

7 Press **START/COPY/SET**.

8 Press **STOP**.



To check if the PIN Code has been programmed correctly, press **MONITOR**, wait for the dialling tone, and press **MERCURY** (followed by 2 or 3 digit Cost Centre Code* if applicable) and dial 1500. This call is free of charge. During connection you will hear a series of short beeps. This is the Mercury dial tone. After a few seconds you should be connected to a recorded message welcoming you to the Mercury network. If you have any difficulties, please contact Mercury Customer Services on FreeCall 0500-500 193 (24 hours).

*Cost centre code: See page 36.

Confirming the Mercury dial memory

Program the Mercury code again into the MERCURY button using the procedure on previous page. When the START/COPY/SET button is pressed in step 7, you will hear 1, 2 or 6 beeps for confirmation.

1 beep: The code number is stored.

2 beeps: The code number newly entered is the same as that was previously stored.

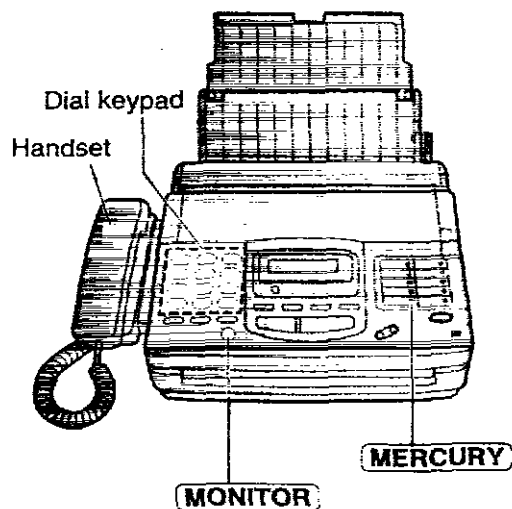
6 beeps: The code number newly entered is different from the one that was previously stored. If you want to store the new code number, reset the Mercury dial memory, then reprogram it. For resetting the memory, see page 37.

Note:

● If you encounter a problem, see page 37.

Making a call via Mercury

- 1** Press **MONITOR** or lift the handset, then identify the dial tone.
- 2** Press **MERCURY**.
- 3** Dial the chosen Cost Centre Code* if applicable (see below).
- 4** Dial the telephone number you wish to call by using one-touch dialling, speed dialling, full number dialling or the electronic telephone directory.



*Cost Centre Codes

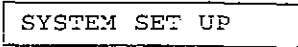
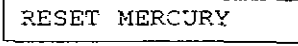
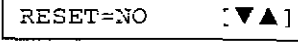


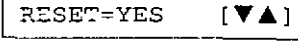
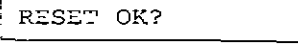

Cost Centre Codes are selectable on your Mercury order form. By keying in a code number (either 2 or 3 digits) before dialling each and every Mercury call, businesses can allocate calls to different jobs, or residential users can see who is responsible for each call. If you have requested this option, then to make a call via Mercury, you must;

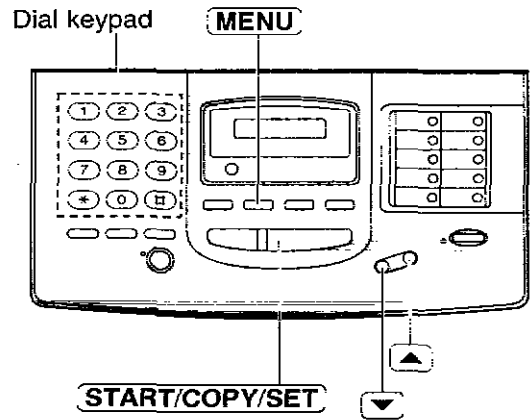
1. Press **MONITOR**.
2. Press **MERCURY**.
3. Key in your chosen Cost Centre Code (any two or three digit number except 112 or 999).
4. Dial the number required.

Please note that Cost Centre Codes are not currently available with Residential 132 Service.

Resetting Mercury dial memory—Returning to Residential 132 Service

If you wish to change your Mercury code to a new one or if you need to send your unit away for repair, you must reset the Mercury dial memory using the following procedure.

- 1 Press **MENU**.

- 2 Press **#**, then press **7 5**.

- 3 Press **START/COPY/SET**.

- 4 Press  or  to select "YES".

 - If you wish to confirm the Mercury dial memory, select "NO".
- 5 Press **START/COPY/SET**.

- 6 Press **START/COPY/SET**.

- 7 Press **MENU**.



Special sending features

Polling

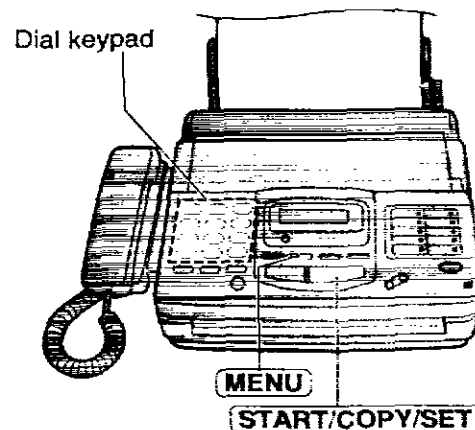
(retrieving fax documents)

The polling feature allows you to receive a document from another compatible machine where you pay for the call. This saves the sending party the call charges.

Receive polling

To place a call and recover a document from another machine follow the steps below. Make sure that no documents have been fed into your unit and that the other party's machine is ready for your call.

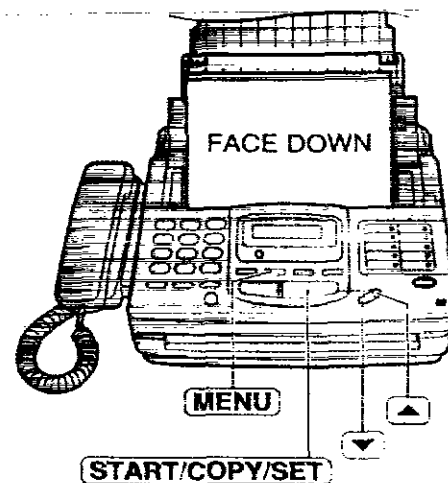
- 1 Press **MENU** until the following is displayed:
Display:
- 2 Press **START/COPY/SET**.
- 3 Enter the telephone number by using regular dialling, one-touch dialling, speed dialling or the electronic telephone directory.
- 4 Press **START/COPY/SET**.



Transmit polling

A document stored in your unit can be recovered by another party's machine. To let other machines retrieve documents loaded on your unit, proceed as follows:

- 1 Insert the documents FACE DOWN.
- 2 Press **MENU** until the following is displayed:
Display:
- 3 Press **START/COPY/SET**.
- 4 Press ▼ or ▲ to select "ON".
- If this feature is not required, select "OFF".
- 5 Press **START/COPY/SET**.



Note:

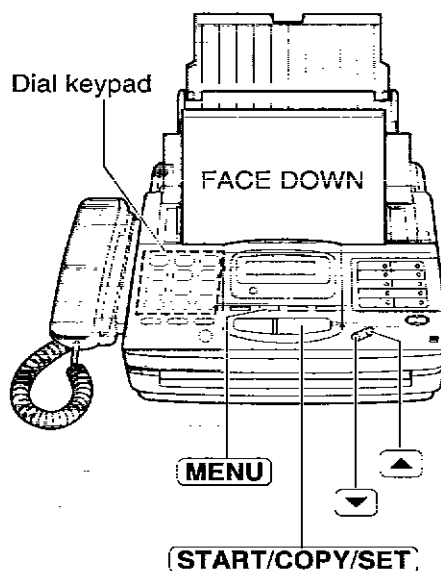
- This feature will not work when the unit is set to the TEL mode.
- The caller pays for the document transmission.
- When delayed transmission (see the next page) is set to ON, transmit polling is not available.

Delayed transmission

(sending a fax at a later time)

Using a built-in clock, this unit can send documents automatically at a specific time. This allows you to take advantage of low-cost calling hours offered by your telephone company. The delayed transmission can be reserved to take place up to 24 hours in advance.

- 1 Insert the documents FACE DOWN.
- 2 Press **MENU**.
Display: SYSTEM SET UP
- 3 Press **#**, then **2** **5**.
DELAYED XMT
- 4 Press **START/COPY/SET**.
MODE=OFF [▼▲]
- 5 Press ▼ or ▲ to select "ON".
MODE=ON [▼▲]
 - If this feature is not required, select "OFF".
- 6 Press **START/COPY/SET**.
NO. =
- 7 Enter the telephone number by using regular dialling, one-touch dialling, speed dialling or the electronic telephone directory.
- 8 Press **START/COPY/SET**.
TIME=12:00AM
- 9 Enter the transmission start time.
Example: 11:00PM
Press **1** **1** **0** **0**, then press ***** to select PM.
•You can select AM or PM by pressing *****.
- 10 Press **START/COPY/SET**.
- 11 Press **MENU**.
SEND AT 11:00PM
 - When the programmed time has arrived, the unit will automatically start transmission.



Note:

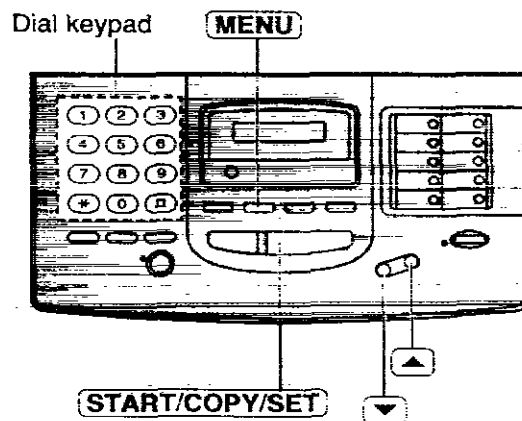
- Do not enter 24 hour clock time as this unit will only accept 12 hour clock entries.
- You can receive, transmit and copy documents while delayed transmission is set.
- When transmit polling (see page 38) is ON, delayed transmission is not available.

Transmitting documents from memory

The unit is able to scan and store documents into memory, and then transmit the stored documents. The memory capacity is approx. 25 pages (14 pages if the Error Correction Mode on page 60 is set to ON), based on CCITT No. 1 test chart in standard resolution. For the CCITT No. 1 test chart, see page 79.

Setting the memory transmission

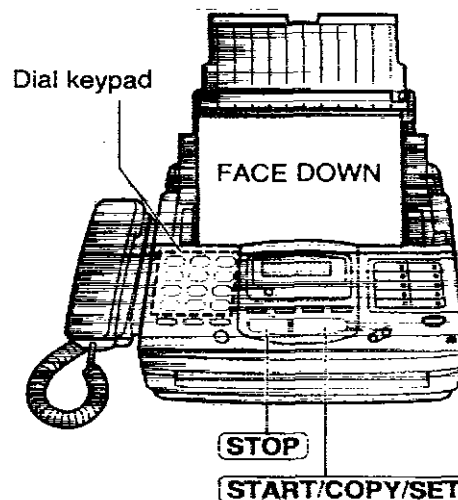
- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **1** **5**.
MEMORY XMT
- 3 Press **START/COPY/SET**.
MODE=OFF [▼▲]
- 4 Press ▼ or ▲ to select "ON".
MODE=ON [▼▲]
 - If this feature is not required, select "OFF".
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



Transmitting documents from memory

- 1 Insert the documents FACE DOWN.
- 2 Enter the telephone number by using regular dialling, one-touch dialling, speed dialling or the electronic telephone directory.
- 3 When using regular dialling, press **START/COPY/SET**.
 - The documents will be fed into the unit and scanned into memory. After storing all pages, the unit will transmit the documents.
 - The amount of memory used will be shown as a percentage on the display.

Display: PAGES=01 05
Amount of memory used



Note:

- The stored documents will be automatically erased after transmission.
- To cancel the memory transmission, press **STOP** during or after scanning the documents.
- If you select the fine, super fine or halftone resolution, the number of documents that can be sent will be decreased.
- If the stored documents exceed the memory capacity, the transmission will be cancelled.

Transmitting documents to multistations

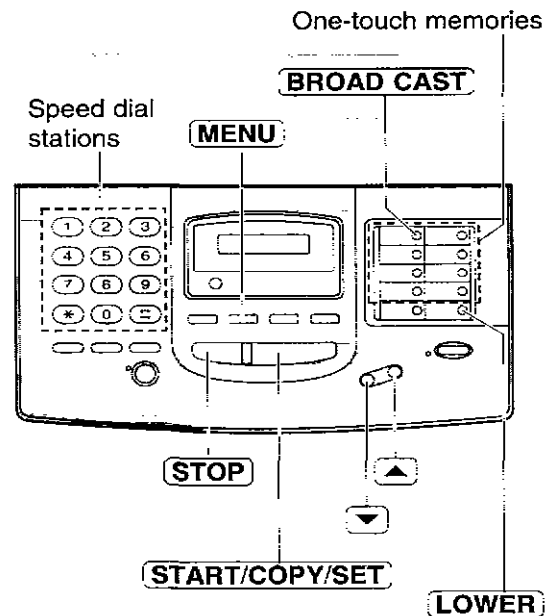
This feature is useful when frequently sending the same documents to selected parties whose telephone numbers are stored in one-touch memories and speed dial stations. You must program these stations into the BROAD CAST key (one-touch memory 1).

Important:

- Before programming, make sure that the desired telephone numbers have been stored into the one-touch memories or speed dial stations.
- The BROAD CAST key can be used as one-touch memory 1 or as the broad cast key.

Programming the BROAD CAST key with telephone numbers

- 1 Press **MENU** until the following is displayed:
Display: STORE TEL NO.
- 2 Press **BROAD CAST**.
DIAL MODE [▼▲]
- 3 Press ▼ or ▲ to select "PROG. MODE".
PROG. MODE [▼▲]
- 4 Press **START/COPY/SET**.
NO. = [001]
- 5 Enter the telephone numbers.
 - a: Using one-touch memories:
For upper stations 2–8, press the preset one-touch memory key.
For lower stations 9–16, press **LOWER**, then press the preset one-touch memory key.
 - b: Using speed dial stations:
Press **#** and the preset 2-digit number (00–99).
- 6 Press **START/COPY/SET** after entering all of the desired telephone numbers.
- 7 Press **STOP**.



Note:

- If you make a mistake while programming, press **STOP**, then make the correction.
- Confirm that you have correctly stored the numbers by printing a telephone number list (see page 61).

Transmission using the BROADCAST key

The documents will be scanned and stored into memory when using the BROADCAST key. After transmission, the stored documents will be erased automatically.

The memory capacity is approx. 25 pages (14 pages if the Error Correction Mode on page 60 is set to ON), based on CCITT No. 1 test chart in standard resolution. For the CCITT No. 1 test chart, see page 79.

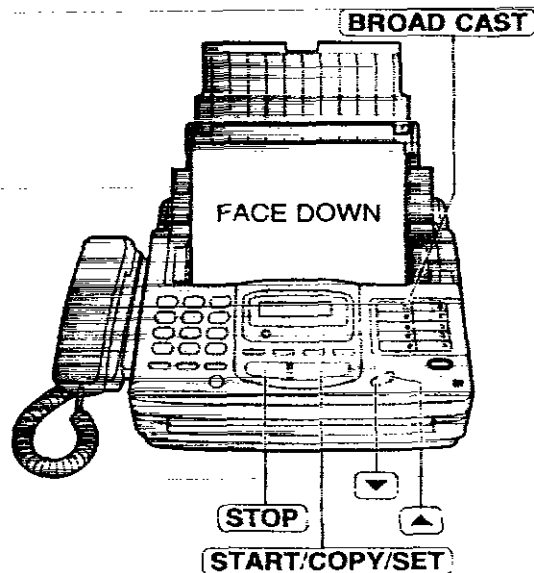
1 Insert the documents FACE DOWN.

2 Press **BROADCAST**.

- The documents will be fed into the unit and scanned into memory. Then the unit will transmit the data to each station, calling each number sequentially.

Note:

- If you select the fine, super fine or halftone resolution, the number of documents that the unit can transmit will be decreased.
- If one of the stations is busy or does not answer, the station will be skipped. All skipped stations will be redialled up to 3 times after all of the other stations have been called.



To cancel the broadcast setting

1. Press **STOP** during idle status.

Display: CANCEL BROAD.

2. Press **START/COPY/SET**.

=YES [▼▲]

3. Press ▼ or ▲ to select "YES".

4. Press **START/COPY/SET**.

Multi Transmission report

After all of the transmissions have been completed, the unit will automatically print the following report.

Sample of a Multi Transmission report:

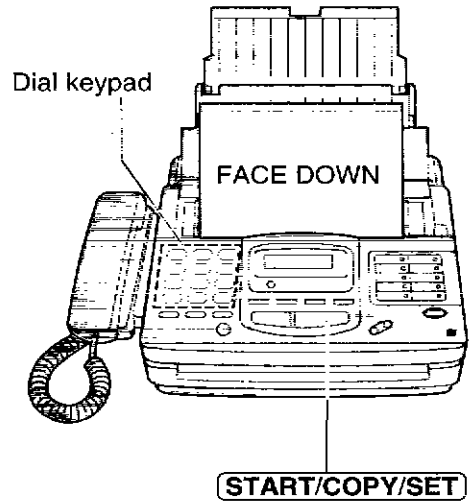
MULTI TRANSMISSION REPORT					
					10 Jan. 1997 03:36PM
NO.	OTHER FACSIMILE	START TIME	USAGE TIME	TX PAGES	RESULT
001	<S02>	10 Jan. 03:31PM	01'10	02	OK
002	<S03>	10 Jan. 03:33PM	01'08	02	OK
003	<S04>	10 Jan. 03:34PM	01'09	02	OK
004	<A05>	10 Jan. 03:35PM	01'10	02	OK
TOTAL			004'37	008	

Reserving transmission during fax reception

While the unit is receiving documents, you can reserve your fax transmission to another station. The unit will automatically transmit documents after fax reception is completed.

- 1 Insert the documents FACE DOWN during fax reception.
- 2 Enter the telephone number by using regular dialling, one-touch dialling, speed dialling or the electronic telephone directory.
- 3 Press **START/COPY/SET**.

Display: XMT RSV. ON



To cancel the reservation

Remove the documents from the document tray.

Printing a cover page

The unit can print a cover page to attach to the documents you send.

Sample of a cover page

(FAX COVER PAGE)	
TO : NAME : _____	DATE : _____
FAX NO. : _____	
FROM : NAME : _____	
FAX NO. : _____	
Number of Pages : _____	(including cover page)
Subject / Notes : _____	

- 1 Press **MENU** until the following is displayed.

Display: PRINT LIST

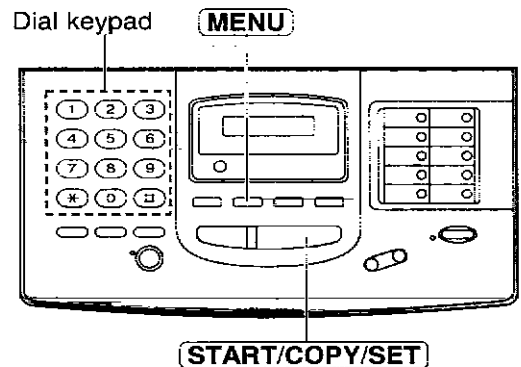
- 2 Press **#**, then **7**.

FAX COVER PAGE

- 3 Press **START/COPY/SET** to start printing.

PRINTING

- 4 Press **MENU**.



Special receiving features

Remote fax receiving

(using an extension telephone to receive a fax message)

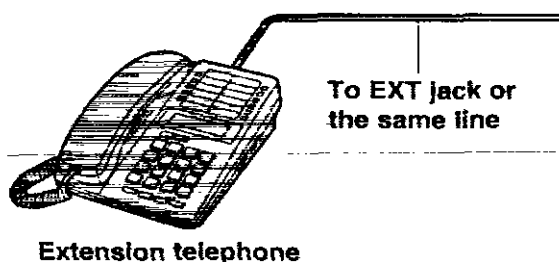
If you have an extension telephone connected to your facsimile unit or on the same line, it is possible to receive a manual fax message. Using the extension telephone, dial the remote fax activation code. This saves you from going to the facsimile unit and pressing **START/COPY/SET**.

Important:

- To activate this feature, use a touch tone telephone as the extension telephone and enter the remote fax activation code **DELIBERATELY**.
- The remote fax activation code is set to "*9" as a pre-selected setting.

Receiving using an extension telephone

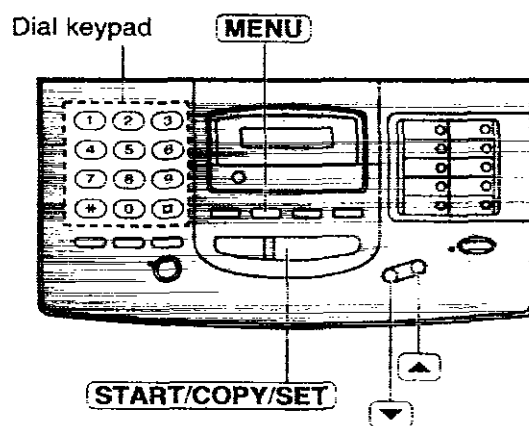
- 1 When a call is received, lift the handset of the extension telephone.
- 2 When:
 - document reception is required,
 - a slow beep is heard, or
 - no sound is heard,enter the remote fax activation code **DELIBERATELY**.
- 3 Hang up the handset.
 - The facsimile unit is activated for reception.



Changing the remote fax activation code

This code can be from 2 to 4 digits in length using numbers 0 through 9, and the character *.

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **4** **1**.
REMOTE FAX ACT.
- 3 Press **START/COPY/SET**.
MODE=ON [▼▲]
- 4 Press **▼** or **▲** to select the desired setting.
 - If this feature is not required, select "OFF".
- 5 Press **START/COPY/SET**.
CODE=*9
- 6 Enter the new code number.
- 7 Press **START/COPY/SET**.
- 8 Press **MENU**.



Note:

- Some special telephone company services will require you to press a service access code. If you subscribe to such services, all or part of the remote fax activation code must be different from the service access code.
- If the remote fax activation code is set to "0000", this feature will not work properly.

Junk mail prohibitor

(preventing the reception of unwanted fax documents)

This feature prevents reception from facsimile machines whose telephone numbers are not stored in one-touch dialling and speed dialling.

Store the telephone numbers from where you want to receive documents (see page 29).

Important:

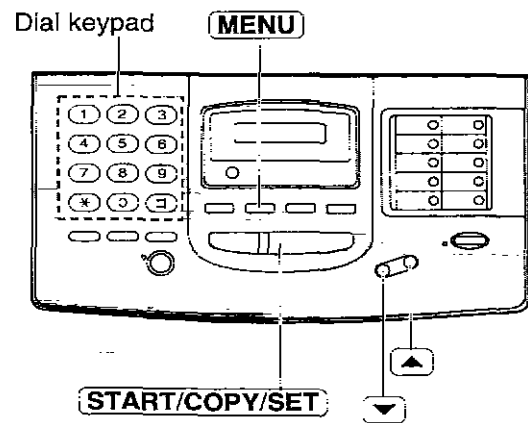
- This feature does **not** work when:
 - manual reception is performed, or
 - the other party does not program their facsimile telephone number correctly.

Setting the junk mail prohibitor

- 1 Press **MENU**.
Display: SYSTEM SET JP
 - 2 Press **#**, then **2 4**.
JUNK MAIL PROH.
 - 3 Press **START/COPY/SET**.
MODE=OFF [▼▲]
 - 4 Press ▼ or ▲ to select "ON".
MODE=ON [▼▲]
- If this feature is not required, select "OFF".
- 5 Press **START/COPY/SET**.
PRINTING

- The unit will print a list of the telephone numbers from where the unit can receive documents. Confirm that the desired facsimile numbers are programmed.

- 6 Press **MENU**.



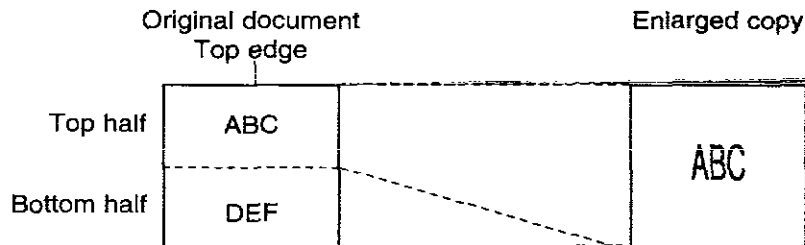
Enhanced copy features

Making an extension copy

Use this feature to enlarge a document to twice the length of the paper that is currently being used in the paper tray. This feature is used to reverse the film/paper save function (see page 52).

Sample of enlarged copy:

When you wish to enlarge the top half of the document:



Insert the document into the unit from the top edge side
FACE DOWN.

1 Insert the documents FACE DOWN.

2 Press **MENU**.

Display: SYSTEM SET UP

3 Press **#**, then **3** **4**.

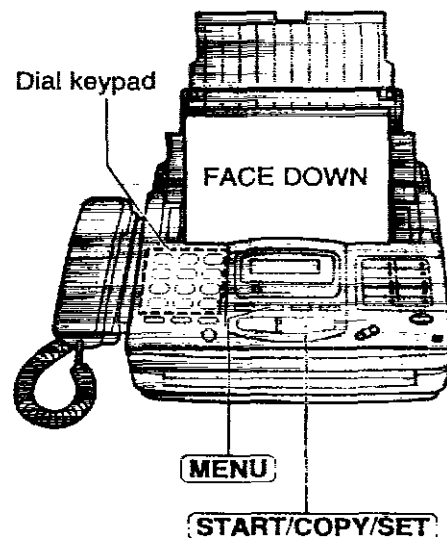
EXTENSION COPY

4 Press **START/COPY/SET**.

COPYING

•The unit will start printing.

5 After printing, press **MENU**.



Note:

- You cannot select FINE, SUPER FINE or HALF TONE resolution for this feature.
- To make an enlarged copy of the whole page whose length is as long as, or shorter than, the installed paper, proceed as follows:
First insert the top half of the original document into the feeder tray and copy. Then turn the original around and insert the bottom half of the document into the feeder tray and copy.

Making a reduction copy

When you copy documents that are longer than the recording paper, the unit can reduce the original document and print it out on one page by programming a suitable reduction rate. The reduction rate is determined by a combination of the size of the recording paper and original document.

■ Recommended reduction rate:

Mode	Size of recording paper	Size of original document
OFF (pre-selected)	A4	A4, Letter
92% (see note below.)	A4	A4
72%	A4	Legal

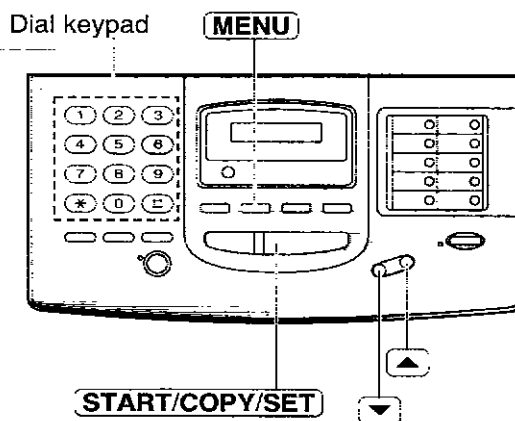
A4 = 210 × 297 mm

Letter = 216 × 279 mm (8½" × 11")

Legal = 216 × 356 mm (8½" × 14")

To program a reduction rate, proceed as follows:

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **3** **5**.
COPY REDUCTION
- 3 Press **START/COPY/SET**.
MODE=OFF [▼▲]
- 4 Press ▼ or ▲ to select the desired setting.
•If this feature is not required, select "OFF".
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



Note:

- If the appropriate reduction rate is not programmed, the document may be divided and the top of the second sheet will be deleted.
- If the image at the bottom of the document is not copied when you copy a document as long as the recording paper, try 92%.

Special Settings

Summary of user programmable features

Basic features

Code	Feature	Preselected setting	Available settings	Page
#01	SET DATE & TIME			14
#02	YOUR LOGO			15
#03	YOUR TELEPHONE NUMBER			16
#04	PRINT TRANSMISSION REPORT	OFF	ERROR, ON, OFF	62
#05	AUTO RECEIVE MODE	FAX	FAX, EXT.TAM	25
#07	FAX RING COUNT	2 rings	1-4 rings	49
#08	MANUAL RECEIVE MODE	TEL	TEL, TEL/FAX	28
#09	TEL/FAX DELAYED RING	2 rings	1-4 rings	50
#12	REMOTE TAM ACTIVATION	OFF/ID=11	ON, OFF	26
#15	MEMORY TRANSMISSION	OFF	ON, OFF	40

Advanced features

Code	Feature	Preselected setting	Available settings	Page
#21	LOGO POSITION	OUT	OUT, IN	51
#22	JOURNAL AUTO PRINT	ON	ON, OFF	62
#23	OVERSEAS MODE	OFF	ON, OFF	51
#24	JUNK MAIL PROHIBITOR	OFF	ON, OFF	45
#25	DELAYED TRANSMISSION	OFF	ON, OFF	39
#30	SILENT FAX RECOGNITION RING	3 rings	3-6 rings	50
#33	FILM/PAPER SAVE	OFF	ON, OFF	52
#34	EXTENSION COPY			46
#35	COPY REDUCTION	OFF	92%, 72%, OFF	47
#36	RECEIVE REDUCTION	92%	92%, 86%, 72%, OFF	53
#39	LCD CONTRAST	NORMAL	NORMAL, DARKER	54
#40	SILENT DETECTION	ON	ON, OFF	54
#41	REMOTE FAX ACTIVATION CODE	ON/CODE=* 9	ON, OFF	44
#44	RECEIVE ALERT	ON	ON, OFF	55
#45	RECALL MODE	T_BR	T_BR, E_RE	55
#46	FRIENDLY RECEPTION	ON	ON, OFF	56
#70	FAX PAGER	OFF	ON, OFF	57
#75	RESET MERCURY DIAL MEMORY	NO	YES, NO	37
#79	FILM DETECTION	ON	ON, OFF	58
#80	SET DEFAULT	NO	YES, NO	59
#88	ECM COMMUNICATION	ON	ON, OFF	60

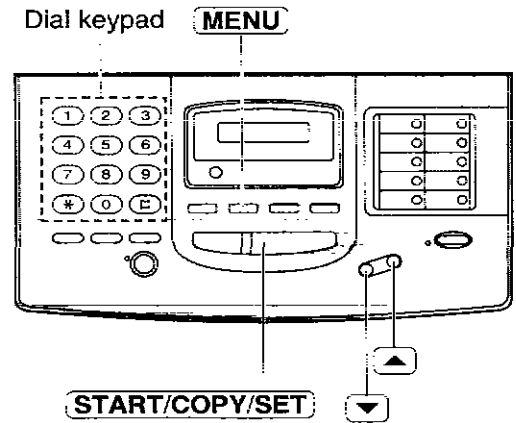
Setting the FAX mode ring count

This feature determines the number of rings after which the unit answers a call in the FAX mode. You can choose from 1 to 4 rings.

Helpful hints:

- To answer a call before the unit does, increase the number of rings.
- If you find receiving faxes from machines with the automatic transmission feature difficult, decrease the number of rings.

- 1** Press **MENU**.
Display: **SYSTEM SET UP**
- 2** Press **#**, then **0** **7**.
FAX RING
- 3** Press **START/COPY/SET**.
RING=2 [▼▲]
- 4** Press ▼ or ▲ to select the desired number.
- 5** Press **START/COPY/SET**.
- 6** Press **MENU**.

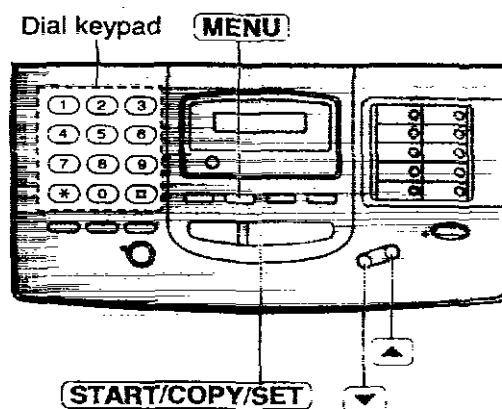


Setting the TEL/FAX mode ring count

This feature determines the number of rings after which the unit automatically answers a call in the TEL/FAX mode.

You can choose from 1 to 4 rings.

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **0 9**.
TEL/FAX RING
- 3 Press **START/COPY/SET**.
RING=2 [▼▲]
- 4 Press ▼ or ▲ to select the desired number.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



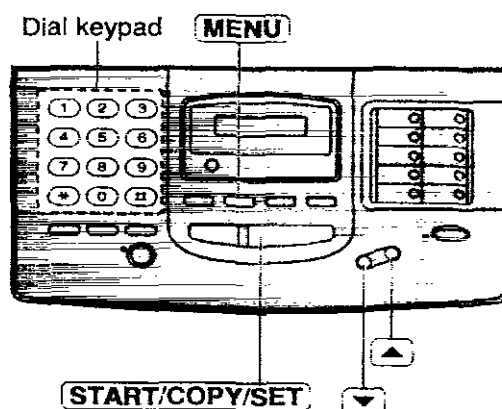
Note:

- You may not be able to receive documents from some older facsimile machines if you increase the number of rings.

Setting the silent fax recognition ring count

When a fax call is received in the TEL/FAX mode, the unit will automatically activate the fax function without ringing. If the unit detects a voice call, it will ring. If a voice call is not answered within the selected number of rings (3 to 6 rings), the unit will switch back to the fax mode. This is for machines that do not send a calling tone.

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **3 0**.
SILENT FAX RING
- 3 Press **START/COPY/SET**.
RING=3 [▼▲]
- 4 Press ▼ or ▲ to select the desired number.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



Note:

- You may not be able to receive documents from some older facsimile machines if you increase the number of rings.

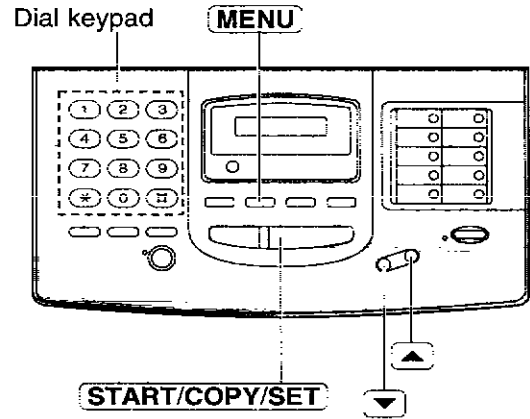
Changing the logo print position

The logo, telephone number, date, time and page number will be printed on the transmitted document from your unit in the following manner:

OUT: Outside of the transmitted document's paper size (pre-selected setting).

IN: Inside of the transmitted document's paper size.

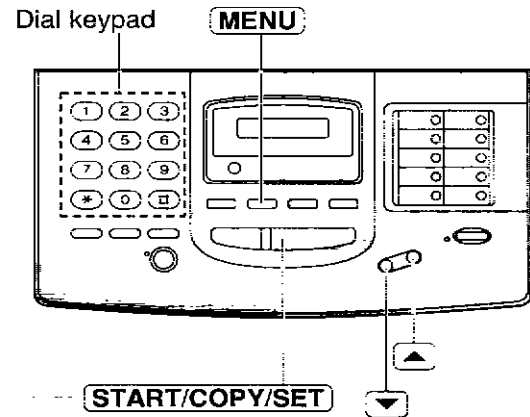
- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **2** **1**.
LOGO POSITION
- 3 Press **START/COPY/SET**.
MODE=OUT [▼▲]
- 4 Press ▼ or ▲ to select the desired setting.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



Sending documents overseas

You may experience difficulty in transmitting documents overseas. This feature makes sending documents easier as the transmission speed is slowed down. Before starting transmission, follow the steps below:

- 1 Press **MENU**.
Display: SYSTEM SET UP
 - 2 Press **#**, then **2** **3**.
OVERSEAS MODE
 - 3 Press **START/COPY/SET**.
MODE=OFF [▼▲]
 - 4 Press ▼ or ▲ to select "ON".
MODE=ON [▼▲]
- If this feature is not required, select "OFF".
- 5 Press **START/COPY/SET**.
 - 6 Press **MENU**.



Note:

- After transmission, this feature will turn off automatically.
- This feature is not available for transmission using the BROADCAST key.

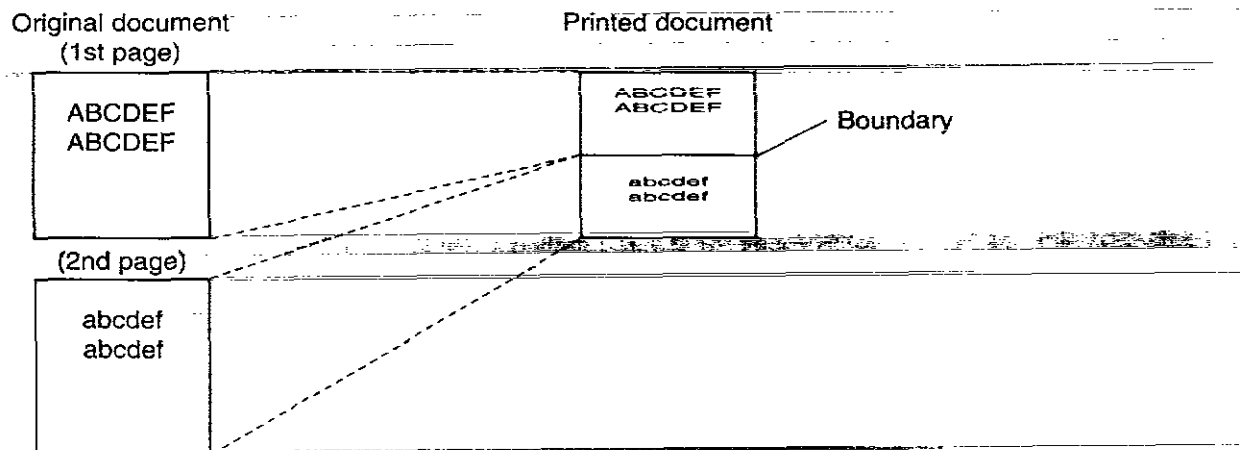
Film/Paper save reception

Use this feature if you wish to save film and recording paper when receiving two or more faxed pages. When this feature is set, the unit will reduce documents to half their length and print out two pages of documents on one page. A boundary will be printed out between the documents.

Important:

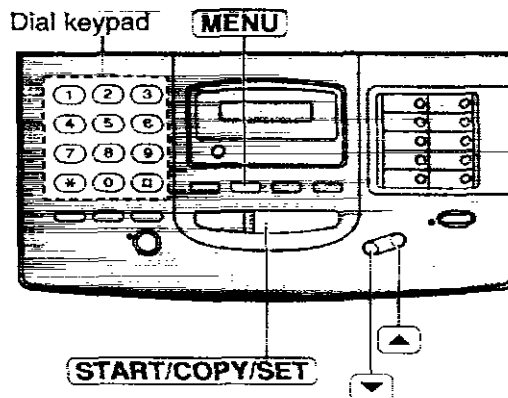
- This feature will not work when the other party sends a document in fine resolution or other non-standard resolutions.

Sample of paper save print:



To set the film/paper save reception, follow the steps below.

- 1 Press **MENU**.
Display: **SYSTEM SET UP**
 - 2 Press **#**, then **3 3**.
FILM/PAPER SAVE
 - 3 Press **START/COPY/SET**.
MODE=OFF [▼▲]
 - 4 Press ▼ or ▲ to select "ON".
MODE=ON [▼▲]
- If this feature is not required, select "OFF".
- 5 Press **START/COPY/SET**.
 - 6 Press **MENU**.
—If this feature is set to "ON", an arrow will be displayed.
▼ 00
FILM/PAPER SAVE ● MEMORY%



Note:

- When a reduced document is longer than the recording paper, it will be printed on two pages. The continuation will be printed on the next page and there may be wasted space. In this case, paper and film will not be saved. If you wish to fit the document onto one page, set this feature to off and program a suitable reduction rate for reception (see the next page).
- When documents are longer than legal size, the unit will not print the next page of the document on the same page.
- Paper and film will not be saved for a one page document and the last page of odd numbered documents (3, 5, 7 pages, etc.).

Receiving oversized documents

When the size of the documents sent by the other party is as large as, or larger than, the recording paper, the unit can reduce each page of the document and print it out on the recording paper by programming a suitable reduction rate.

The reduction rate is determined by a combination of the size of the recording paper and received document.

■ Recommended reduction rate:

Mode	Size of recording paper	Size of original document
OFF	A4	Letter
92% (pre-selected)	A4	A4
86% (see note below.)	A4	A4
72%	A4	Legal

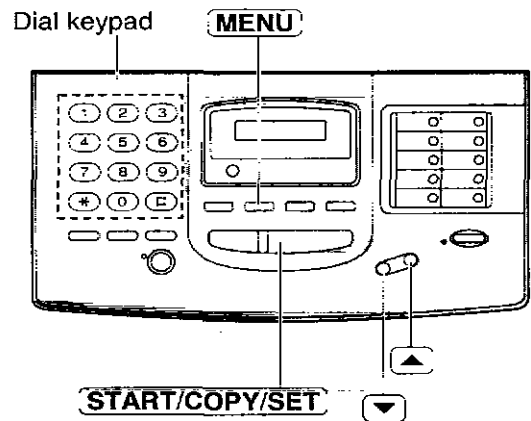
A4 = 210 × 297 mm

Letter = 216 × 279 mm (8½" × 11")

Legal = 216 × 356 mm (8½" × 14")

To program a reduction rate, proceed as follows:

- 1 Press **MENU**.
Display: SYSTEM SET JP
- 2 Press **#**, then **3** **6**.
RX REDUCTION
- 3 Press **START/COPY/SET**.
MODE=92% [▼▲!]
- 4 Press ▼ or ▲ to select the desired setting.
• If this feature is not required, select "OFF".
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



Note:

- This feature is not available when the film/paper save reception feature is set to ON (see page 52).
- Documents received by facsimile frequently have a heading on the top of each page which contains the sender's name/telephone number. This increases the length of each page. Therefore, it is recommended to use the reduction mode.
- If the appropriate reduction rate is not programmed, the document will be divided.
- If most of documents sent from the other party are as long as your recording paper and they have a long heading using a few lines, we recommend to select 86%.

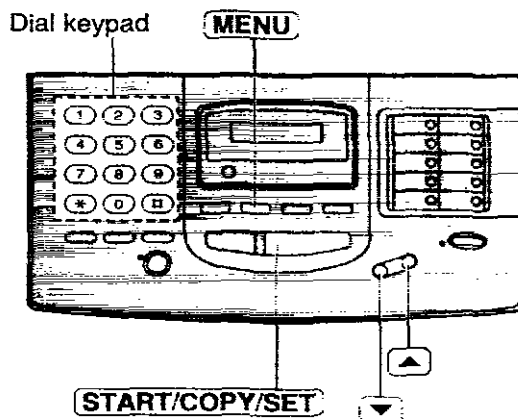
Changing the display contrast

Use this feature to adjust the brightness of the display.

NORMAL: (Pre-selected setting)

DARKER: Used when the display contrast is too light.

- 1 Press **MENU**.
Display: **SYSTEM SET UP**
- 2 Press **#**, then **3 9**.
LCD CONTRAST
- 3 Press **START/COPY/SET**.
MODE=NORMAL [▼▲]
- 4 Press **▼** or **▲** to select the desired setting.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



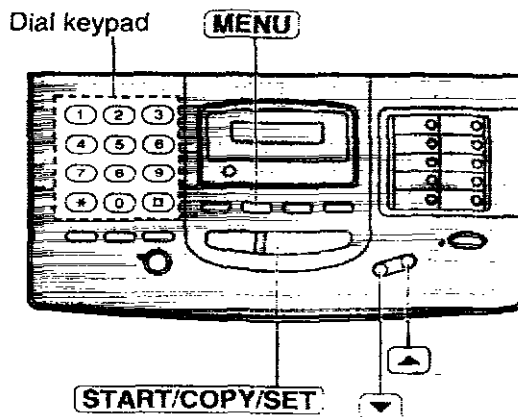
Setting the silent detection

This feature allows the facsimile unit to activate the fax function automatically when a silent pause longer than 4 seconds is detected in the EXT.TAM mode.

Helpful hints:

- If you wish to receive documents from stations that do not send a calling tone after dialling, activate this feature.
- If you use a single cassette tape to give greeting messages and record incoming messages, deactivate this feature.

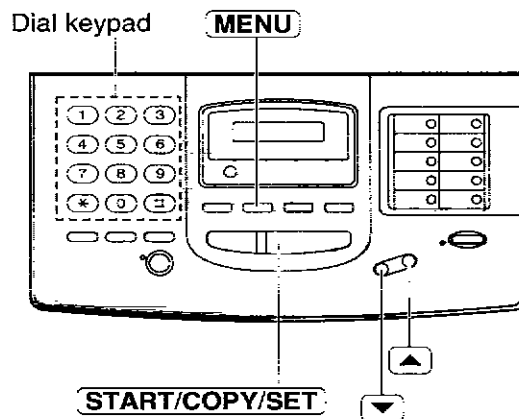
- 1 Press **MENU**.
Display: **SYSTEM SET UP**
- 2 Press **#**, then **4 0**.
SILENT DETECT.
- 3 Press **START/COPY/SET**.
MODE=ON [▼▲]
- 4 Press **▼** or **▲** to select the desired setting.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



Setting the memory reception alert

When received documents are stored into memory, the unit will alert you with beep tones. If you hear slow beeps, clear the printing problem or supply paper to print the stored documents. The beep tones will stop.

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **4 4**.
RECEIVE ALERT
- 3 Press **START/COPY/SET**.
MODE=ON [▼▲]
- 4 Press ▼ or ▲ to select the desired setting.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



Setting the recall mode

When this unit is used as an extension of a PABX (Private Automatic Branch Exchange), the RECALL button will allow access to PABX functions such as call transfer and hold. If you are unsure of which setting to use please consult the supplier of the PABX.

The following choices are available:

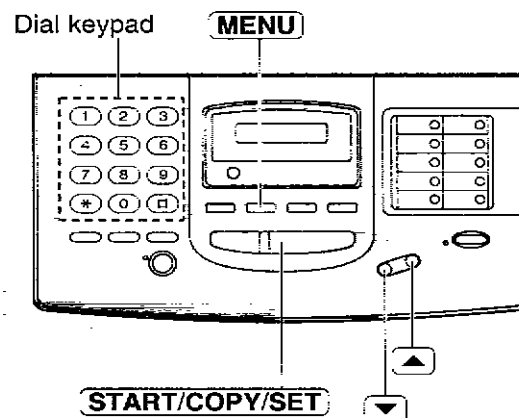
T_BR: Time Break Recall (pre-selected setting)

E_RE: Earth Recall

Note:

- For British Telecom "Star Services", set your Recall to Time Break.

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **4 5**.
RECALL MODE
- 3 Press **START/COPY/SET**.
MODE=T_BR [▼▲]
- 4 Press ▼ or ▲ to select the desired mode.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.

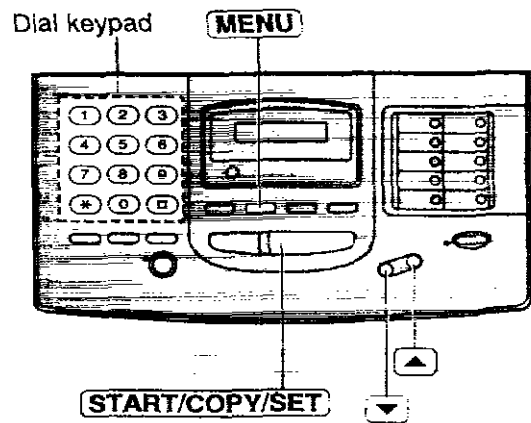


Setting the friendly reception

The friendly reception feature allows you to receive fax documents automatically without pressing **START/COPY/SET**. See page 22 for further details.

If you set this feature to OFF, you will have to press **START/COPY/SET** to receive fax documents each time you answer a call.

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **4** **6**.
FRIENDLY RCV
- 3 Press **START/COPY/SET**.
MODE=ON [▼▲]
- 4 Press ▼ or ▲ to select the desired setting.
•If this feature is not required, select "OFF".
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



Signaling your pager that you have received a document

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

- 1 Press **MENU**.
Display: SYSTEM SET UP
 - 2 Press **#**, then **7** **0**.
FAX PAGER
 - 3 Press **START/COPY/SET**.
MODE=OFF [▼▲]
 - 4 Press ▼ or ▲ to select "ON".
MODE=ON [▼▲]
- If this feature is not required, select "OFF".
- 5 Press **START/COPY/SET**.
NO. =

- 6 Enter your pager number.
 - If this feature does not work properly, press **REDIAL/PAUSE** more than one time at the end of your pager number to extend the paging time.

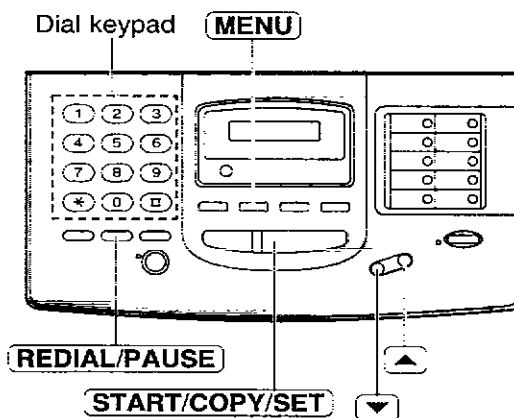
If you wish to display a message on your pager, enter the message after your pager number and **REDIAL/PAUSE**.
Programming methods may vary depending on the pager company. Contact your pager company for details.

- You can enter a total of 46 digits and/or pauses.

- 7 Press **START/COPY/SET**.
- 8 Press **MENU**.

Note:

- This feature is not available when the receive mode is set to the TEL mode.



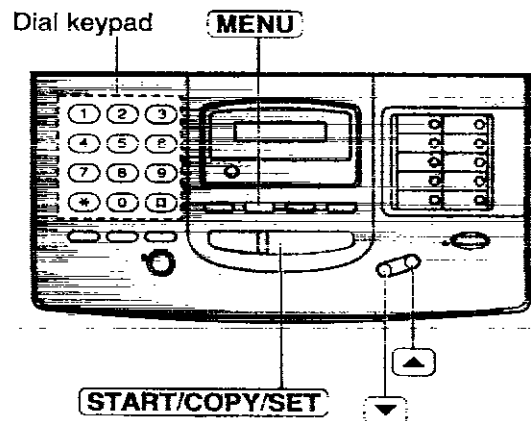
Setting the film detection

If this feature is activated, the display will show the following message when the remaining film prints approx. 10 pages of A4 size documents:

Display: **FILM NEAR EMPTY**

• If you are using regular film (100 m roll), the unit will also print a report.

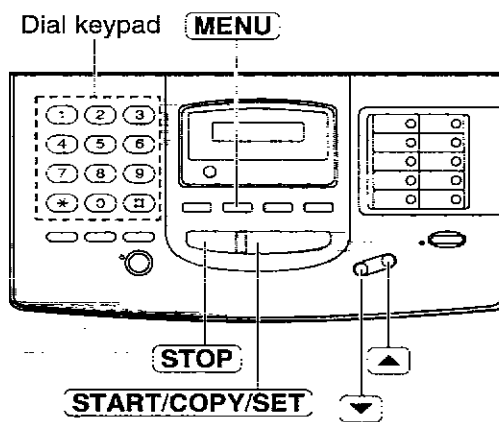
- 1** Press **MENU**.
Display: **SYSTEM SET UP**
- 2** Press **#**, then **7** **9**.
FILM DETECTION
- 3** Press **START/COPY/SET**.
MODE=ON [▼▲]
- 4** Press ▼ or ▲ to select the desired setting.
- 5** Press **START/COPY/SET**.
- 6** Press **MENU**.



Resetting the advanced features

Use this feature to return the advanced features except the ECM communication (#88) to their initial settings (see page 48).

- 1** Press **MENU**.
Display: SYSTEM SET UP
- 2** Press **#**, then **8 0**.
SET DEFAULT
- 3** Press **START/COPY/SET**.
RESET=NO [▼▲]
- 4** Press ▼ or ▲ to select "YES".
RESET=YES [▼▲]
- 5** Press **START/COPY/SET**.
RESET OK?
•If this feature is not required, press **STOP**.
- 6** Press **START/COPY/SET** again for confirmation.
RESET COMPLETED
- 7** Press **MENU**.



ECM communication

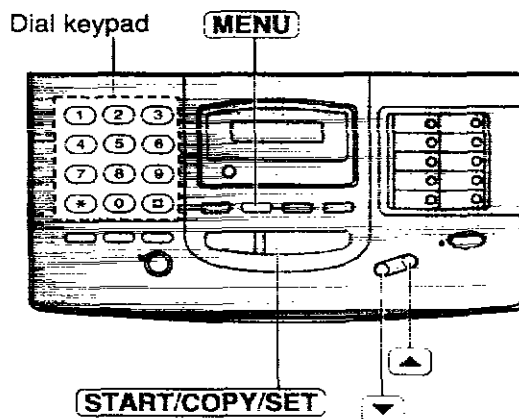
ECM means Error Correction Mode.

You can send documents even if there is static interference on the telephone line, provided both the transmitting and receiving stations are ECM compatible.

ON: The unit functions with ECM communication (pre-selected setting).

OFF: The unit does not function with ECM communication.

- 1** Press **MENU**.
Display: **SYSTEM SET UP**
- 2** Press **#**, then **8** **8**.
ECM COMMUNI.
- 3** Press **START/COPY/SET**.
MODE=ON [▼▲]
- 4** Press ▼ or ▲ to select the desired setting.
- 5** Press **START/COPY/SET**.
- 6** Press **MENU**.



Note:

- You cannot change the setting of this feature if there are stored documents in memory. Clear the stored document memory first.

Printing reports and lists

You can print out the following reports/lists from your unit:

Feature list—provides you with the current settings of the basic and advanced programming features (see page 48).

Telephone number list—provides you with telephone numbers and their station names which are stored in automatic dialling. Telephone number codes are as shown below:

P: A pause has been entered.

F: A recall has been entered.

[]: A secret telephone number has been entered. (The telephone number is not printed.)

Journal report—keeps records of fax transmissions and receptions (see page 63 for a sample of the report). This report will be printed automatically after every 35 fax communications, but also can be printed manually. You can change the setting of the journal auto print feature (see page 62).

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 thermal head (see page 74).

Transmission report—provides you with a printed record of the fax transmission result (see pages 62 and 63).

How to print reports and lists

1 Press **MENU** until the following is displayed.

Display: PRINT LIST

2 For the feature list, press **#**, then **1**.

SETUP LIST

For the telephone number list, press **#**, then **3**.

TEL NO. LIST

For the journal report, press **#**, then **4**.

JOURNAL REPORT

For the printer test list, press **#**, then **5**.

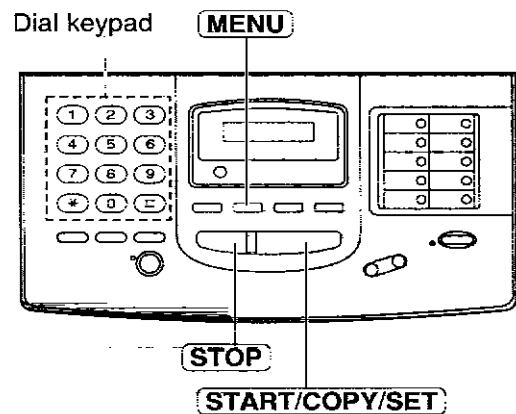
PRINTER TEST

3 Press **START/COPY/SET** to start printing.

PRINTING

•To interrupt printing, press **STOP**.

4 After printing, press **MENU**.



Printing reports and lists (cont.)

Setting the transmission report printing

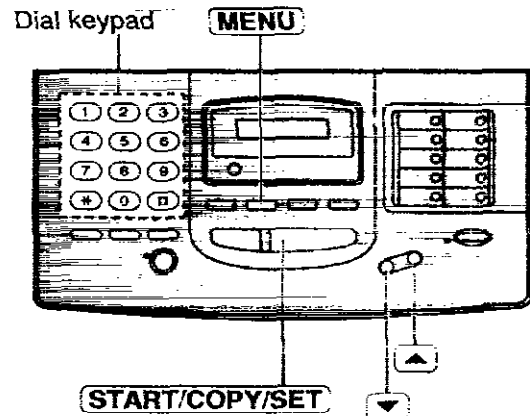
One of the following choices is available:

ERROR: The transmission report will print out only when fax transmission fails.

ON: The report will always print out, indicating whether fax transmission is successful or not.

OFF: The report will not print (pre-selected setting).

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **0 4**.
TX-REPORT MODE
- 3 Press **START/COPY/SET**.
MODE=OFF [▼▲]
- 4 Press ▼ or ▲ to select the desired setting.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.

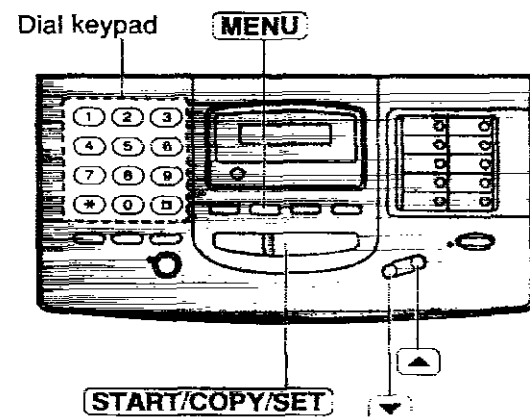


Setting the journal report to automatically print

This unit will automatically print a journal report after every 35 fax communications. After printing, the journal report will still remain in memory and the oldest communication will be erased when a new communication occurs.

When this feature is deactivated, the unit will store the records of the last 35 fax communications, but the unit will not print the journal report automatically.

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **2 2**.
AUTO JOURNAL
- 3 Press **START/COPY/SET**.
MODE=ON [▼▲]
- 4 Press ▼ or ▲ to select the desired setting.
- 5 Press **START/COPY/SET**.
- 6 Press **MENU**.



Sample of journal report

JOURNAL							25 Jan. 1997 05:22PM		
NO.	OTHER FACSIMILE	START TIME	USAGE TIME	MODE	PAGES	RESULT	*CODE		
01	1234567	21 Jan. 02:14PM	00'25	TX	01	OK			
02	9998765	21 Jan. 02:17PM	00'38	TX	02	OK			
03	2121444	21 Jan. 02:18PM	00'28	RX	01	OK			
04	555556677	22 Jan. 10:35AM	00'58	TX	03	COMMUNICATION ERROR	(43)		
05			01'50	TX	05	OK			
				RX	03	OK			

Communication messages (See below.) Error code (for service personnel use only)

Sample of transmission report

TX REPORT							20 Jan. 1997 01:19PM		
NO.	OTHER FACSIMILE	START TIME	USAGE TIME	MODE	PAGES	RESULT	*CODE		
01	1234567	20 Jan. 01:18PM	00'51	TX	03	COMMUNICATION ERROR	(43)		

Communication messages on the report

When a problem has occurred, one of the following messages will be printed on the transmission and journal reports:

PRINTED MESSAGE	CODE	MEANING
COMMUNICATION ERROR	41-72 FF	•A transmission or reception error occurred. Try again or check with the other party.
DOCUMENT JAMMED	—	•A document is jammed. Remove the jammed document (p. 71).
ERROR-NOT YOUR UNIT	—	•A transmission or reception error occurred because of the trouble of the other party's machine. Check with the other party.
JUNKMAIL PROH. REJECT	—	•The junk mail prohibitor of your unit rejected fax reception.
MEMORY FULL	—	•The document was not received due to memory being full.
NO DOCUMENT	—	•The document was not fed into the unit properly. Try again.
OTHER FAX NOT RESPOND	—	•The receiving unit was busy or ran out of recording paper. Try again. •The START/COPY/SET button was pressed when the document was not set properly. Set the document properly and press the START/COPY/SET button after confirming the fax tone. •The other party's machine is not a facsimile. Check with the other party.
PRESSED THE STOP KEY	—	•The STOP button was pressed and fax communication was cancelled.
THE COVER WAS OPENED	—	•The front cover was opened during fax transmission.
OK	—	•Fax communication was successful.

Troubleshooting

Error messages on the display

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

DISPLAY MESSAGE	CAUSE & REMEDY
CALL SERVICE	•There is something wrong with the unit. Contact our service personnel.
CHECK COVER	•The front cover is open. Close it.
CHECK DOCUMENT	•The document is not fed into the unit properly. Reinsert the document. If misfeeding occurs frequently, clean the document feeder rollers inside the unit (p. 74). If the problem remains, adjust the feeder pressure (p. 71).
CHECK FILM	•The film cartridge is not inserted properly. Reinsert it correctly (p. 72, 73).
CHECK LEVER	•The recording paper lever is released. Push it back to set the lever (p. 11).
CHECK MEMORY	•Memory (telephone numbers, parameters, etc.) has been erased. Re-program.
CHECK PAPER	•The recording paper is not installed or the unit ran out of paper. Install paper (p. 10). •The recording paper is not fed into the unit properly or has jammed near the recording paper entrance. Clear the jammed paper (see "When paper has jammed near the recording paper entrance" on page 70). Do not install folded or heavily curled paper in the paper tray.
FAX IN MEMORY	•The unit has (a) document(s) in memory. See the other message instructions to print out the document(s).
FILM EMPTY	•The film is empty. Replace the film or film cartridge with a new one (p. 72, 73). •The film is slack. Tighten it (see step 8 on page 73) and install again.
FILM NEAR EMPTY	•The remaining film can print approx. 10 pages of A4 size documents. Prepare a new film or film cartridge (p. 8).
MEMORY FULL	•The 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 or multistation transmission, the document being stored exceeds the memory capacity of the unit. Transmit the entire document by using manual or automatic transmission.
NO RESPONSE	•The receiving unit is busy or ran out of recording paper. Try again.
PAPER JAMMED	•A recording paper jam occurred under the film cartridge. Clear the jammed paper (p. 69).
PLEASE WAIT	•The unit is checking if the film is set correctly. Wait for a while.

DISPLAY MESSAGE	CAUSE & REMEDY
POLLING ERROR	<ul style="list-style-type: none"> •The other fax machine does not have a polling feature. Check with the other party.
REDIAL TIME OUT	<ul style="list-style-type: none"> •The receiving unit is busy or ran out of recording paper. Try again.
REMOVE DOCUMENT	<ul style="list-style-type: none"> •The document is jammed. Remove the jammed document (p. 71). •Attempted to transmit a document longer than 600 mm (23⁵/₈"). Press the STOP button and remove the document (p. 71). Divide the document into two or more sheets and try again.
REMOVE PRINTOUT	<ul style="list-style-type: none"> •There is too much paper on the paper stacker. Remove the printed paper. If the display message still remains after removing the paper, a paper jam may have occurred. Remove the jammed paper (see "When paper has jammed near the recording paper exit" on page 70).
STARTER FILM END	<ul style="list-style-type: none"> •The starter film is empty. Replace the film or film cartridge with a new one (p. 72, 73).
TRANSMIT ERROR	<ul style="list-style-type: none"> •A transmission error occurred. Try again.
UNIT OVERHEATED	<ul style="list-style-type: none"> •The unit is too hot. Let it cool down.

Before requesting help

General

PROBLEM	CAUSE & REMEDY
I cannot make and receive calls.	•The power cord or telephone line cord is not connected. Check the connections (see page 12).
I cannot make calls.	•The dialling mode setting is wrong. Check the setting (see page 12).
The unit does not work.	•Disconnect the unit from the telephone line and connect to a known working telephone. If the known working telephone operates properly, call your servicenter to have the unit repaired. If the known working telephone does not operate properly, consult with your telephone company.
The unit does not ring.	•The ringer volume is set to OFF. Adjust to a suitable level (see page 18).
The REDIAL/PAUSE button does not function properly.	•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 remote fax activation code or the remote TAM activation ID.	•All or part of the number is the same as another code or ID. Change the number (see pages 26 and 44).

Fax Transmission

PROBLEM	CAUSE & REMEDY
The other party complains that letters on their received document are distorted.	•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 such services. •An extension telephone on the same line is off the hook. Hang up and try again.
The other party complains that dirty patterns or black lines appear on their received documents.	•The glass or rollers are dirty. Clean them (see page 74).
The other party complains that they cannot send documents.	•The junk mail prohibitor is set to ON. Program their facsimile number for automatic dialling (see page 29) or set the junk mail prohibitor to OFF (see page 45).
I cannot make an international fax call.	•Use the overseas transmission mode (see page 51). •Add two pauses at the end of the telephone number (see page 33).

Fax reception

PROBLEM	CAUSE & REMEDY
I cannot receive documents automatically.	<ul style="list-style-type: none"> •The receive mode is set to the TEL mode. Set to the TEL/FAX, FAX (or EXT.TAM) mode. •The time to answer the call may be too long. Decrease the number of rings (see pages 49 and 50). •The junk mail prohibitor is set to ON (see page 45).
The recording image is faint.	<ul style="list-style-type: none"> •The sender transmitted a faint document. Ask them to transmit a clearer copy of the document. •The thermal head is dirty. Clean it (see page 74).
The printing quality is poor.	<ul style="list-style-type: none"> •Some paper has instructions recommending the side to print on. Try turning over paper.
A blank sheet is ejected after the received documents are printed out.	<ul style="list-style-type: none"> •The receiving reduction rate is not programmed correctly. Program the proper reduction rate (see page 53).

In the EXT.TAM mode

PROBLEM	CAUSE & REMEDY
I cannot receive documents automatically.	<ul style="list-style-type: none"> •Your greeting message on the answering machine is too long. Shorten the message (up to 10 seconds). •There are too many rings on the answering machine. Set to 1 or 2 rings. •The silent detection feature is deactivated. Activate this feature (see page 54).
I cannot receive voice messages.	<ul style="list-style-type: none"> •Check that the answering machine is turned on and connected to the facsimile unit properly (see page 24). •Set the number of rings on the answering machine to 1 or 2.
I cannot retrieve voice messages recorded on the answering machine from a remote location.	<ul style="list-style-type: none"> •The remote access code on your answering machine is the same as your remote fax activation code. Set a different number for each code. •You did not program your remote TAM activation ID in your facsimile unit correctly. Program the same code that is programmed on the answering machine (see page 26).
The greeting message on your answering machine is interrupted halfway and the caller cannot leave a voice message.	<ul style="list-style-type: none"> •The greeting message has a silent pause longer than 4 seconds. Re-record the greeting message.
I pressed the remote access code to access the answering machine remotely, but the line was disconnected.	<ul style="list-style-type: none"> •The code may include “#” which is used for certain features provided by a telephone company. Change the code on the answering machine to another number which does not include “#”, then program the same code into the facsimile unit (see page 26).
Callers complain that their message is interrupted halfway and they cannot leave a voice message.	<ul style="list-style-type: none"> •Advise them not to pause for over 4 seconds while recording their voice messages.
Callers complain that they cannot send a document.	<ul style="list-style-type: none"> •Your answering machine ran out of recording tape. Rewind the tape to record messages. •You set the answering machine to give only a greeting message. •The junk mail prohibitor is set to ON (see page 45).
While I answer a call with the answering machine, the facsimile unit switched to the fax mode and I cannot talk with the other party.	<ul style="list-style-type: none"> •You paused for over 4 seconds during the conversation. To resume the conversation, press STOP on the facsimile unit.

Before requesting help (cont.)

Copying

PROBLEM	CAUSE & REMEDY
A dirty pattern or a black line appears on the copied documents.	•The glass or rollers are dirty. Clean them (see page 74).
The copied image is distorted.	•The thermal head is dirty. Clean it (see page 74).
The document is not copied properly.	•The film is not inserted correctly. Insert it correctly (see pages 72 and 73).
The copied document is blank.	•The film is not inserted correctly. Insert it correctly (see pages 72 and 73).
The printing quality is poor.	•Some paper has instructions recommending the side to print on. Try turning over paper.
A paper jam occurs during copying.	•The film is not inserted correctly. Insert it correctly (see pages 72 and 73).

If a power failure occurs...

When a mains power failure occurs, note the following:

- You are only able to use the unit as a standard telephone. You can place and receive calls using the handset and dial keypad only.
- Transmission and reception will be interrupted. Check the transaction by printing a journal report.
- 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.
- If delayed transmission is set and the programmed start time has passed during a power failure, transmission will be attempted soon after power is restored.
- If an external telephone/telephone answering machine is connected to the unit, you can use it during a power failure.

Power down report

The power down report will be automatically printed out after power is restored.

The report will not be printed out when there are no documents stored in memory.

Sample of the power down report

```
POWER DOWN REPORT

POWER DOWN AT:05 Jan. 1997 04:30AM
RESTARTED AT:05 Jan. 1997 04:31AM

<< 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.> RX 01 MEMORY RECEIVE
```

Clearing a recording paper jam

If the unit does not eject any recording paper during reception or copying, the recording paper has jammed. Remove the jammed paper by following the display message on this page and page 70.

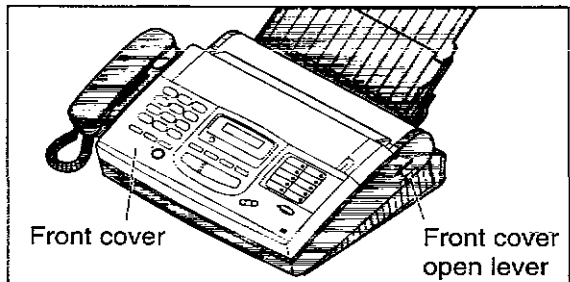
When paper has jammed under the film cartridge

The display will show the following message:

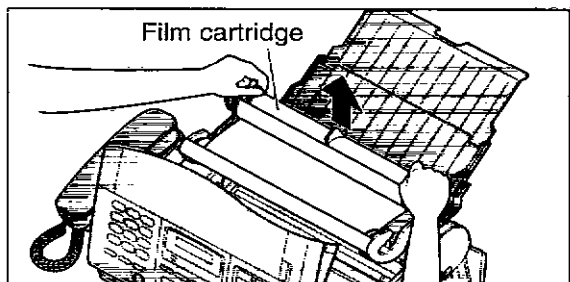
PAPER JAMMED

Remove the jammed paper as follows:

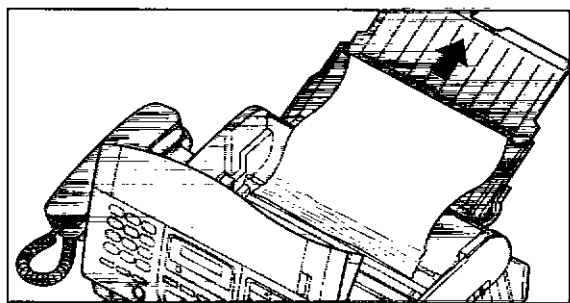
1 Slide the front cover open lever forward to unlock the front cover and lift to open.



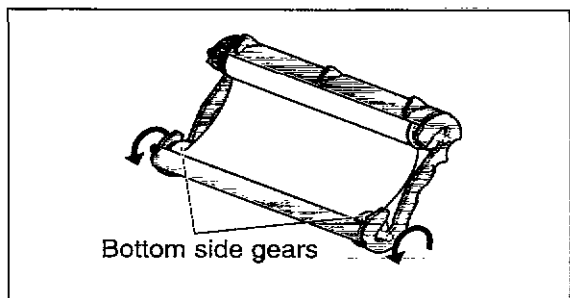
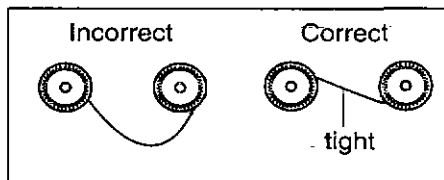
2 Remove the film cartridge.



3 Remove the jammed recording paper.



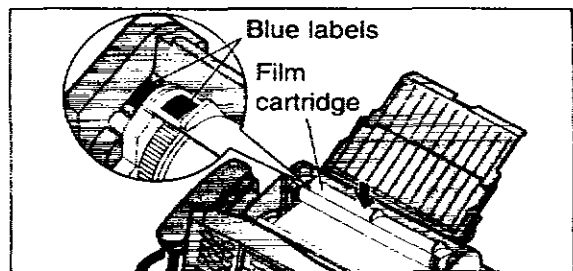
4 If the film is slack, tighten it by winding the bottom side gears.



(continued)

Clearing a recording paper jam (cont.)

- 5 Replace the film cartridge by matching the blue label side of the cartridge with that on the unit.
- 6 Close the front cover securely by pushing down on both ends.



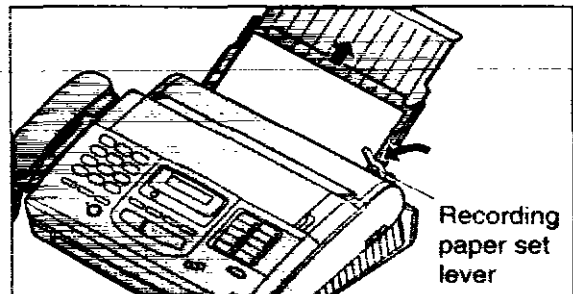
When paper has jammed near the recording paper entrance

The display will show the following message:

CHECK PAPER

Remove the jammed paper as follows:

Pull the recording paper set lever forwards, then pull out the jammed recording paper from the recording paper entrance.



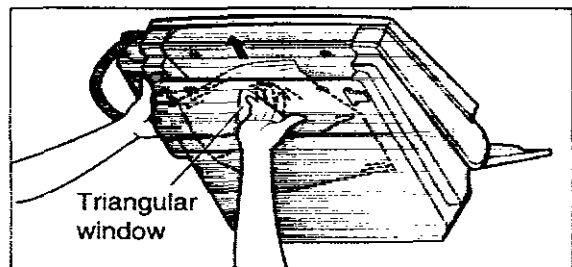
When paper has jammed near the recording paper exit

The display will show the following message:

REMOVE PRINTOUT

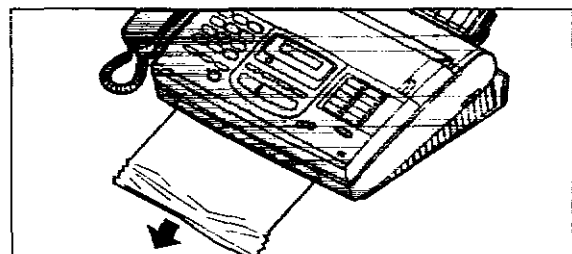
Remove the jammed paper as follows:

- 1 Lift the unit slightly and push out the jammed recording paper from the triangular window on the bottom of the unit.



- 2 Remove the jammed recording paper from the recording paper exit.

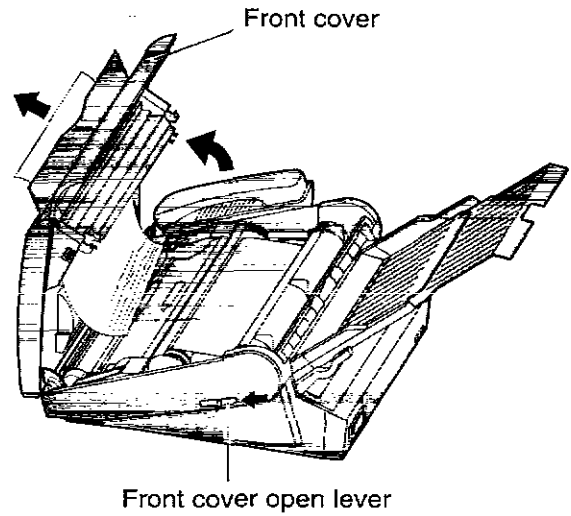
- If you cannot remove the jammed paper, remove it by following the steps 1–4 on page 69.



Clearing a document jam

If the unit does not release the original document during feeding, remove the document as follows:

- 1** Slide the front cover open lever forward to unlock the front cover and lift to open.
- 2** Remove the jammed document carefully.
- 3** Close the front cover securely by pushing down on both ends.

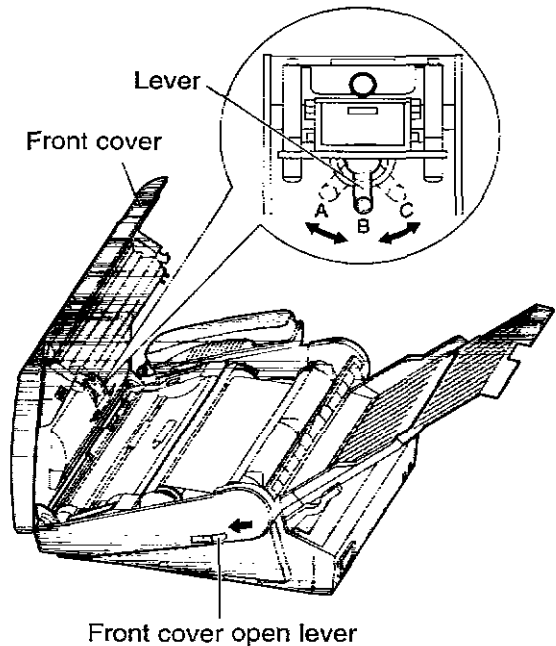


Adjusting the feeder pressure

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

- 1** Slide the front cover open lever forward to unlock the front cover and lift to open.
- 2** Shift the position of the lever by using an instrument with a pointed end, like a clip or ball-point pen.

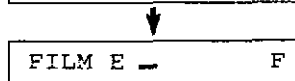
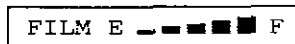
Position A: When documents do not feed
Position B: Standard position (pre-selected)
Position C: When documents multiple feed
- 3** Close the front cover securely by pushing down on both ends.



Routine care

Checking the remaining film

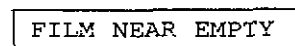
You can check the amount of remaining film. Press **FILM REMAINING** while the unit is idle. The display indicates the approximate amount of remaining film.



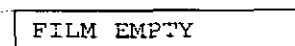
When the film indicator points to this position, the remaining film will print up to 20 pages of A4 size documents. Prepare a new film or film cartridge for replacement.

Replacing the film or film cartridge

When the unit detects the end of the film, the following message will be displayed:



The remaining film prints approx. 10 pages of A4 size documents. Prepare a new film or film cartridge.



The film is empty. Replace the film or film cartridge with a new one.

To order replacement parts, see page 8.

1 Slide the front cover open lever forward to unlock the front cover and lift to open.

2 Remove the film cartridge.

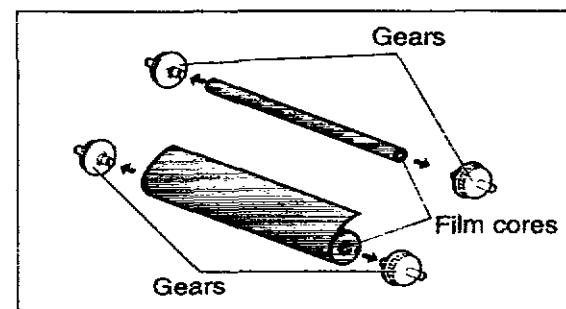
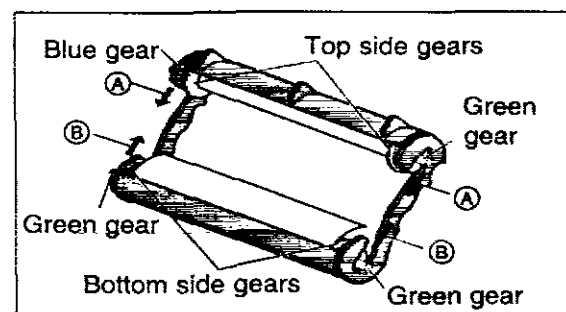
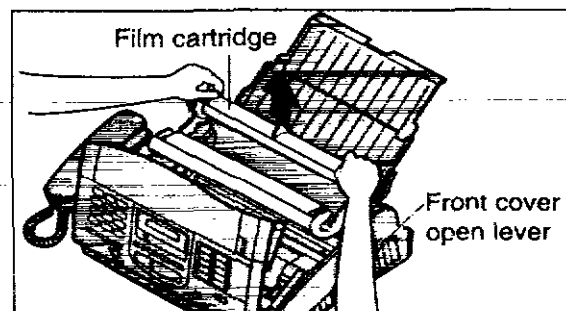
- If you have purchased a film cartridge (Model no. KX-FA135X) for replacement, skip to step 9.
- To replace only the film, go to step 3.

3 Unlock the four gears by (A) pulling the top side gears (blue and green) forward and (B) pushing back the bottom side gears (green). Remove the used film.

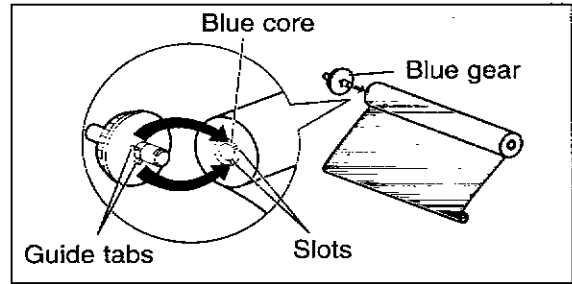
4 Remove the four gears from the used film cores.

Caution:

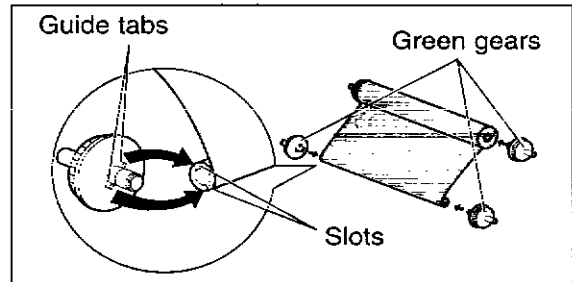
- The film is not reusable. You can order a new film for replacement through your nearest authorized Panasonic dealer.



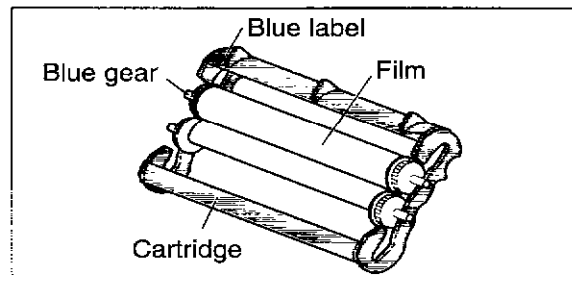
5 Insert the blue gear into the blue core of the new film.



6 Insert the three green gears into the remaining cores of the new film.

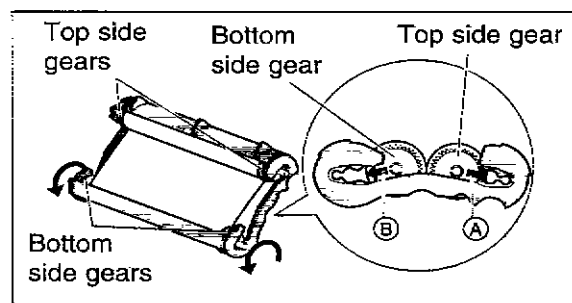
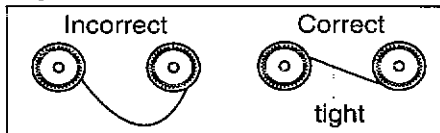


7 Insert the film into the cartridge so that the blue gear matches the blue label on the cartridge.

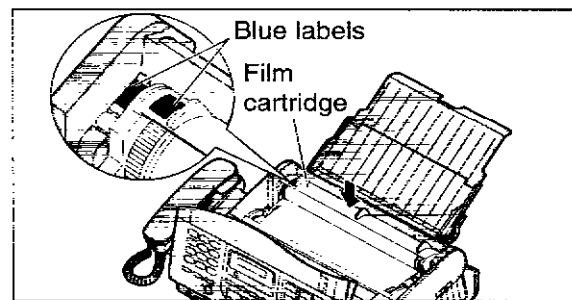


8 Lock the four gears of the film by (A) pushing back the top side gears and (B) pulling the bottom side gears forward until they lock into place.

- If the film is slack, tighten it by winding the bottom side gears.



9 Insert the film cartridge by matching the blue label on the cartridge with that on the unit.



10 Close the front cover securely by pushing down on both ends.

- The unit will check that the film is set correctly and the following message will be displayed:

Display: PLEASE WAIT

- If the following message is displayed, the film is not correctly inserted in the cartridge:

CHECK FILM

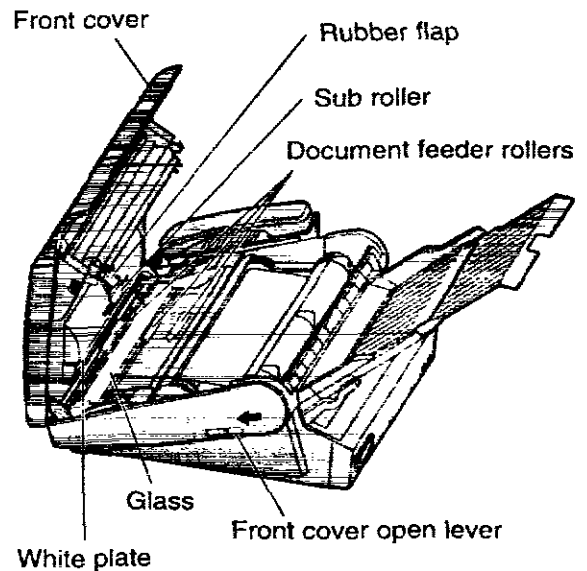
Reinsert it correctly.

Cleaning the inside of the unit

Cleaning the document feeder unit

If misfeeding occurs frequently or dirty patterns or black bands appear on a copied or transmitted document, clean the document feeder rollers, sub roller, rubber flap, white plate and glass.

- 1 Disconnect the power cord and the telephone line cord.
- 2 Slide the front cover open lever forward to unlock the front cover and lift to open.
- 3 Clean the document feeder rollers, sub roller and rubber flap with a cloth moistened with isopropyl rubbing alcohol, and let dry thoroughly.
- 4 Clean the white plate and glass with a soft dry cloth.
- 5 Close the front cover by gently pressing down on both ends.
- 6 Connect the power cord and the telephone line cord.



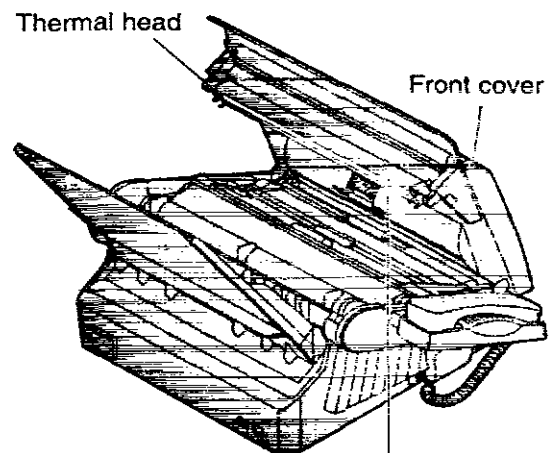
Caution:

- Do not use paper products (such as paper towels or tissues) to clean the inside of the unit.

Cleaning the thermal head

If dirty patterns or black bands appear on a copied or received document, clean the thermal head.

- 1 Disconnect the power cord and the telephone line cord.
- 2 Slide the front cover open lever forward to unlock the front cover and lift to open.
- 3 Clean the thermal head with a cloth moistened with isopropyl rubbing alcohol, and let dry thoroughly.
- 4 Close the front cover by gently pressing down on both ends.
- 5 Connect the power cord and the telephone line cord.



Caution

- Do not push on the black cover.

Important information

APPROVED for connection to telecommunication systems specified in the instructions for use subject to the conditions set out in them.

504240

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. This apparatus has been approved for use under the following conditions;

- a) For connection to the public switched telephone network (PSTN) and compatible (Private Branch Exchange), which use loop disconnect signalling and 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

This apparatus has been approved for the use of the following facilities:

Integrated Telephone System

- 1) Simple telephone facility
- 2) Auto-calling
- 3) Last number redial
- 4) PBX time break: Selectable time break/earth recall for PBX
- 5) Loop disconnect signalling
- 6) DTMF signalling
- 7) Mercury dialling compatibility

Facsimile System

- 1) MODEM facility

Any other usage will invalidate the approval of the apparatus if as a result, it then ceases to conform to the standards against which approval was granted.

Ringer Equivalence Number (REN)

This relates to the performance of the apparatus when used in combination with other items of apparatus. It enables the calculation of the maximum number of items of apparatus that may be connected simultaneously to the line by summing the REN values of each item. A BT supplied instrument has a REN value of 1 unless otherwise marked. A maximum REN value of 4 should not be exceeded. The REN value of this apparatus is 1.0.

The approval of this apparatus for connection to the telecommunication systems is invalidated if the apparatus is subject to any modification in any material way not authorised by BABT or it is used with or connected to internal software that has not been formally accepted by BABT.

All apparatus connected to the facsimile machine and thereby connected directly or indirectly to telecommunication systems must be approved apparatus as defined in Section 22 of the British Telecommunication Act 1984.

999 or 112 can be dialled on the apparatus for the purposes of making outgoing calls to the BT Emergency (999 or 112) 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. B.T., Mercury 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 if they attend a service call that is not due to apparatus supplied by them.





73/23/EEC
89/336/EEC
92/31/EEC
93/68/EEC

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 the 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

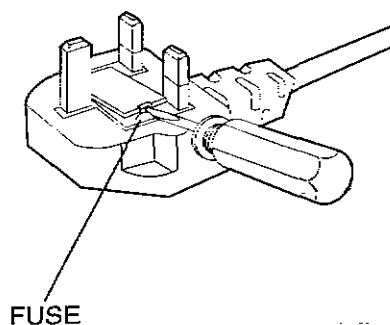
As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.

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  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 the letter L or coloured RED.

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



CONDITIONS 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 card and send it to us for registration. Failure to return such card 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 authorized dealer from whom the appliance was purchased or to the nearest authorized 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 authorized 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 natural 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.

Please keep these Operating Instructions with your receipt.

Panasonic Business Systems U.K.

Receipt No. _____	Date of Purchase _____
Model No. KX-F1810E	Serial No. _____

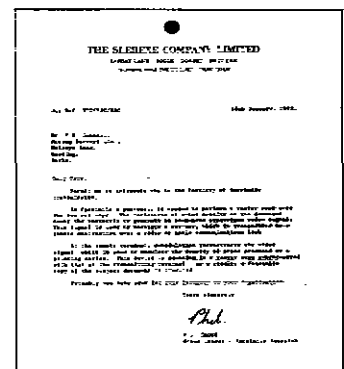
Specifications

1. Applicable Lines:	Public Switched Telephone Network
2. Document Size:	Max. 216 mm (8½") in width Max. 600 mm (23⅝") in length
3. Effective Scanning Width:	208 mm (8⅞")
4. Recording Paper Size:	A4: 210 × 297 mm (8¼" × 11⅛")
5. Effective Printing Width:	202 mm (7⅝")
6. Transmission Time*:	Approx. 13 s/page (Original mode) Approx. 30 s/page (G3 Normal mode)
7. Scanning Density:	Horizontal: 8 pels/mm (203 pels/inch) Vertical: 3.85 lines/mm (98 lines/inch)—Standard mode 7.7 lines/mm (196 lines/inch)—Fine/Halftone mode 15.4 lines/mm (392 lines/inch)—Superfine mode
8. Halftone Level:	64-level
9. Scanner Type:	CCD image sensor
10. Printer Type:	Thermal printing
11. Data Compression System:	Modified Huffman (MH), Modified READ (MR) Modified Modified READ (MMR)
12. Modem Speed:	9600/7200/4800/2400 bps; Automatic Fallback
13. Operating Environment:	5–35 °C (41–95 °F), 20–80 % RH (Relative Humidity)
14. Dimensions (H×W×D):	149 × 367 × 355 mm (5⅞" × 14⅞" × 13⅜")
15. Mass (Weight):	Approx. 5.2 kg (11.4 lb.)
16. Power Consumption:	Standby: Approx. 7.0 W Transmission: Approx. 16 W Reception: Approx. 38 W Copy: Approx. 52 W Maximum: Approx. 160 W
17. Power Supply:	220–240 V AC, 50 Hz
18. Memory Capacity**:	Approx. 28 pages memory reception Approx. 25 pages memory transmission

*Transmission speed depends upon the contents of the pages, resolution, telephone line conditions and capability of receiving unit. The 13 second speed is based upon CCITT No.1 Test Chart.

**Based on the CCITT No. 1 Test Chart in standard resolution when the Error Correction Mode is set to OFF.

CCITT No. 1 Test Chart



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.

One-touch dialling list

Memory Station No.	Name/Telephone No.	Memory Station No.	Name/Telephone No.
1		9 (LOWER 1)	
2		10 (LOWER 2)	
3		11 (LOWER 3)	
4		12 (LOWER 4)	
5		13 (LOWER 5)	
6		14 (LOWER 6)	
7		15 (LOWER 7)	
8		16 (LOWER 8)	

One-touch dialling list

Memory Station No.	Name/Telephone No.	Memory Station No.	Name/Telephone No.
1		9 (LOWER 1)	
2		10 (LOWER 2)	
3		11 (LOWER 3)	
4		12 (LOWER 4)	
5		13 (LOWER 5)	
6		14 (LOWER 6)	
7		15 (LOWER 7)	
8		16 (LOWER 8)	

Speed dialling list

Station No.	Name/Telephone No.	Station No.	Name/Telephone No.	Station No.	Name/Telephone No.
00		34		68	
01		35		69	
02		36		70	
03		37		71	
04		38		72	
05		39		73	
06		40		74	
07		41		75	
08		42		76	
09		43		77	
10		44		78	
11		45		79	
12		46		80	
13		47		81	
14		48		82	
15		49		83	
16		50		84	
17		51		85	
18		52		86	
19		53		87	
20		54		88	
21		55		89	
22		56		90	
23		57		91	
24		58		92	
25		59		93	
26		60		94	
27		61		95	
28		62		96	
29		63		97	
30		64		98	
31		65		99	
32		66			
33		67			

Speed dialling list

Station No.	Name/Telephone No.	Station No.	Name/Telephone No.	Station No.	Name/Telephone No.
00		34		68	
01		35		69	
02		36		70	
03		37		71	
04		38		72	
05		39		73	
06		40		74	
07		41		75	
08		42		76	
09		43		77	
10		44		78	
11		45		79	
12		46		80	
13		47		81	
14		48		82	
15		49		83	
16		50		84	
17		51		85	
18		52		86	
19		53		87	
20		54		88	
21		55		89	
22		56		90	
23		57		91	
24		58		92	
25		59		93	
26		60		94	
27		61		95	
28		62		96	
29		63		97	
30		64		98	
31		65		99	
32		66			
33		67			

Index

- A** Advanced features 48
 - Resetting 59
 - Automatic dialling 29, 30
 - AUTO RECEIVE button 21, 23
 - AUTO RECEIVE mode 21, 23, 25
- B** Basic features 48
 - BROAD CAST key 41, 42
- C** Cleaning 74
 - Communication messages 63
 - COPY button 19
 - Cover page 43
- D** Date and time 14
 - Delayed transmission 39
 - DELETE key 15
 - Dialling mode 12
 - DIRECTORY button 30, 31
 - Display contrast 54
 - Document jam 71
 - Document size 79
 - Documents (the unit can feed) 20
- E** ECM communication 60
 - Electronic telephone directory 31
 - Error message 64, 65
 - Extension copy 46
 - EXT.TAM mode 21, 24
- F** Facsimile telephone number 16
 - Fax auto redial 30
 - FAX mode 21, 23
 - Fax pager 57
 - FAX ring count 49
 - Feature list 61
 - Feeder pressure 71
 - Film detection 58
 - Film/Film cartridge, replacing 72, 73
 - Film/Paper save reception 52
 - FILM REMAINING button 72
 - Friendly reception 22, 56
- H** HANDSET MUTE button 17
 - HELP button 13
 - HYPHEN key 15
- I** INSERT key 15
- J** Journal auto print 62
 - Journal report 61, 63
 - Junk mail prohibitor 45
- L** Logo 15
 - Logo print position 51
 - LOWER key 29, 30
- M** MANUAL RECEIVE mode 21, 28
 - Memory reception alert 55
 - Memory transmission 40
 - MERCURY button 34
 - MONITOR button 17, 32
 - Multi Transmission report 42
- O** One-touch dialling 29, 30
 - One-touch memory keys 15, 29, 30
 - Overseas transmission mode 51
- P** PAUSE button 33
 - Polling 38
 - Power down report 68
 - Printer test list 61
- R** RECALL button 33
 - Receiving reduction 53
 - Recording paper jam 69, 70
 - Recording paper size 10, 79
 - REDIAL button 33
 - Reduction copy 47
 - Remote fax activation code 44
 - Remote TAM activation ID 26
 - Reserving transmission 43
 - RESOLUTION button 19
- S** SECRET key 15, 29
 - Silent detection 54
 - Silent fax recognition ring 50
 - SPACE key 15
 - Speed dialling 29, 30
 - Summary of user programmable features 48
- T** Telephone number list 61
 - TEL mode 21, 22
 - TEL/FAX mode 21, 27, 28
 - TEL/FAX ring count 50
 - TONE button 33
 - Transmission report 62, 63
- V** Voice contact 32
 - VOLUME button 15, 17, 18

114

Panasonic Business Systems U.K.
Panasonic House, Willoughby Road, Bracknell,
Berkshire RG12 8FP

Printed in the United Kingdom

PFQX1149ZA KF0897MK0 ©