



Panasonic

Operating Instructions

Plain Paper Fax with Copier

Model No. **KX-FP701FX**

این تنظیمات برای دستگاه فکس پاناسونیک مدل KX-FP711CX استفاده میشود



Please read these operating instructions before using the unit and save for future reference.

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

For your safety

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

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



WARNING

Denotes a potential hazard that could result in serious injury or death.



CAUTION

Denotes hazards that could result in minor injury or damage to the unit.

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



This type of symbol is used to alert users to a specific operating procedure that must not be performed.



This type of symbol is used to alert users to a specific operating procedure that must be emphasized in order to operate the unit safely.



WARNING

Power and ground connection



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



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



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



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



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



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



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



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

Installation



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



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

Operating safeguards



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



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



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



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



Follow all warnings and instructions marked on this unit.



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



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

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



CAUTION

Installation and relocation



Never install telephone wiring during a lightning storm.



Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.



Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.



Use caution when installing or modifying telephone lines.

Important safety instructions

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

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

SAVE THESE INSTRUCTIONS

Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)



This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

For best performance

Location

- To avoid malfunction, do not position the unit near appliances such as TVs or speakers which generate an intense magnetic field.

Environment

- 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 the unit.
- When you leave the unit unused for a long period of time, unplug this unit from the power outlet.
- The unit should be kept away from heat sources such as heaters, kitchen stoves, etc. Damp basements should also be avoided.

Routine care

- Wipe the outer surface of the unit with a soft cloth. Do not use benzine, thinner, or any abrasive powder.

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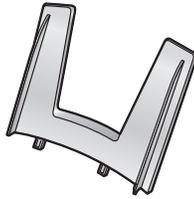
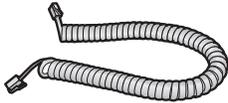
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1.1 Included accessories

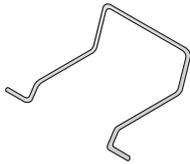
- ① Telephone line cord ② Handset



- ③ Handset cord ④ Paper tray



- ⑤ Paper support ⑥ Starter ink film^{*1}
(10 metres long)



- ⑦ Operating instructions



*1 Prints about 30 A4-sized pages.

Note:

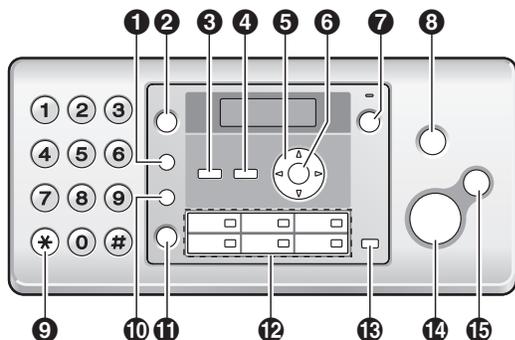
- Save the original carton and packing materials for future shipping and transportation of the unit.

1.2 Accessory information

- Replacement film^{*1} (Model No./Part No. KX-FA57E): 70 m × 1 roll (prints about 210 A4-sized pages.)

*1 To ensure the unit operates properly, we recommend using the Panasonic replacement film. **The ink film is not reusable. Do not rewind and use the ink film again.**

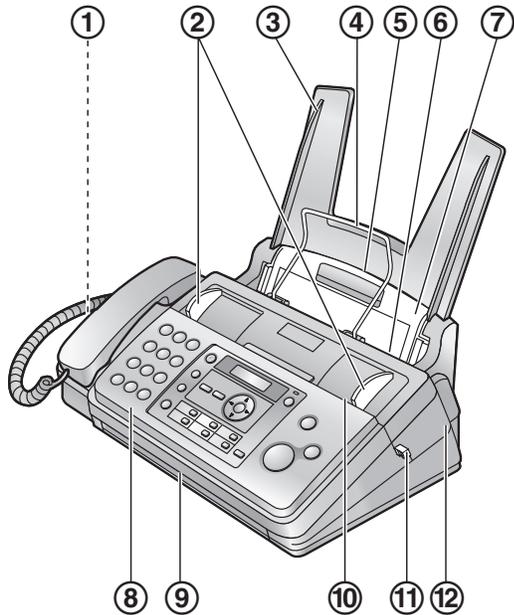
1.3 Button descriptions



- 1 [R]**
 - To access special telephone services or for transferring extension calls.
 - The recall time can be changed (feature #72 on page 34).
- 2 [REDIAL][PAUSE]**
 - To redial the last number dialed. If the line is busy when you make a phone call using the **[MONITOR]** button, or when you send a fax, the unit will automatically redial the number 2 or more times.
 - To insert a pause during dialling.
- 3 [CALLER ID]**
 - To use Caller ID features (page 17).
- 4 [MENU]**
 - To start or exit programming.
- 5 Navigator key**
[+][−][▲][▼][←][→][PHONEBOOK][VOLUME]
 - To adjust volume (page 14).
 - To search for a stored item (page 16, 21).
- 6 [SET]**
 - To store a setting during programming.
- 7 [AUTO ANSWER]**
 - To turn the auto answer setting ON/OFF (page 24, 25).
- 8 [STOP]**
 - To stop an operation or programming session.
 - To erase a character/number.
- 9 [TONE]**
 - To change from pulse to tone temporarily during dialling when your line has rotary/pulse service.
- 10 [HANDSET MUTE]**
 - To mute your voice during a conversation. Press again to resume the conversation.
- 11 [MONITOR]**
 - To initiate dialling without lifting the handset.
- 12 Station keys**
 - To use the one touch dial feature (page 16, 21).
- 13 [BROADCAST]**
 - To send a document to multiple parties (page 22).

- 14 [FAX START]**
 - To send or receive a fax.
- 15 [COPY]**
 - To copy a document (page 27).

1.4 Overview



- ① Speaker
- ② Document guides
- ③ Paper tray
- ④ Paper support
- ⑤ Recording paper entrance
- ⑥ Recording paper exit
- ⑦ Tension plate
- ⑧ Front cover
- ⑨ Document exit
- ⑩ Document entrance
- ⑪ Green button (Back cover release button)
- ⑫ Back cover

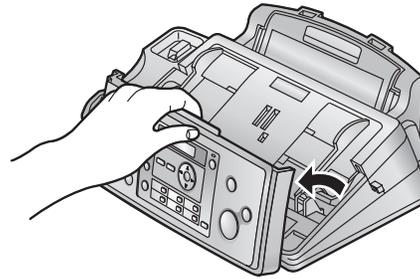
Removing the shipping tape



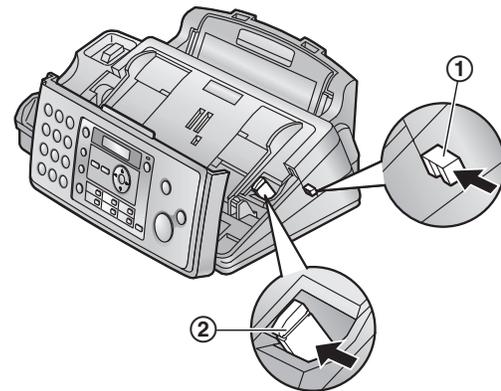
1.5 Ink film

The included film roll is a starter ink film.

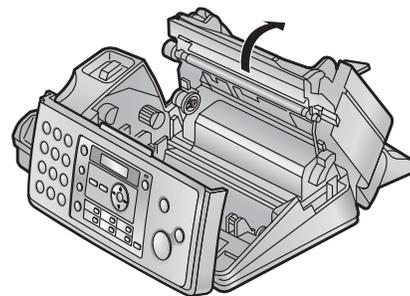
- 1 Open the front cover by pulling up the centre part.



- 2 Release the back cover by pushing the green button (①).
 - You can also release the back cover by pushing in the green lever (②).

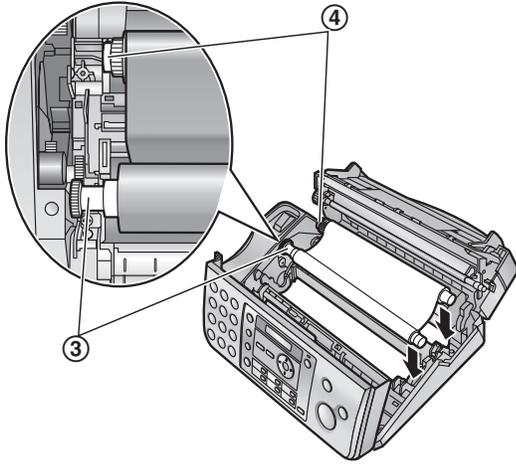


- 3 Open the back cover.

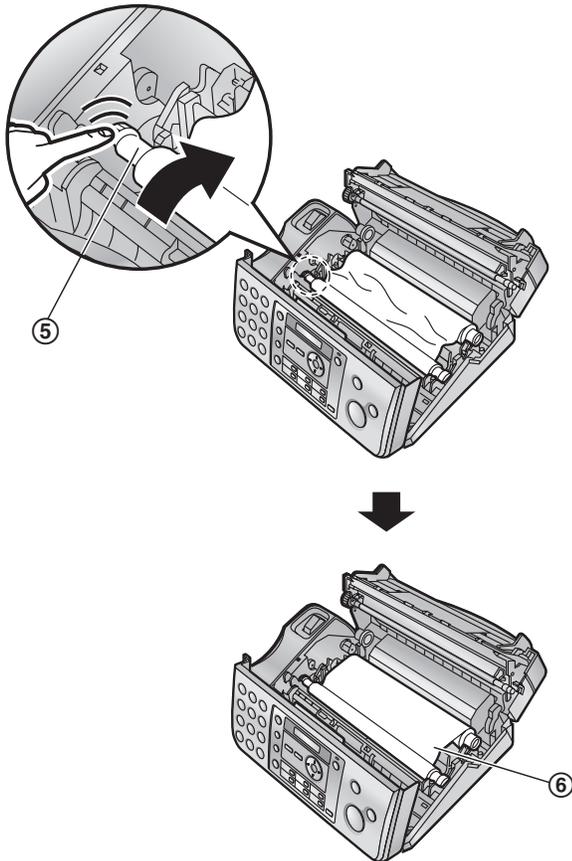


1. Introduction and Installation

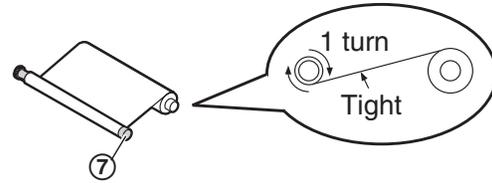
- 4** Insert the blue gear of the ink film roll into the front left slot of the unit (③) and the white gear of the ink film roll into the rear left slot of the unit (④).
- The ink film is safe to touch and will not rub off on your hands like carbon paper.
 - Make sure the blue gear (③) and white gear (④) are installed as shown.



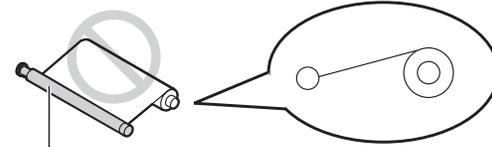
- 5** Turn the blue gear (⑤) in the direction of the arrow until the ink film is tight (⑥) and at least one layer of ink film is wrapped around the blue core (⑦).



Correct



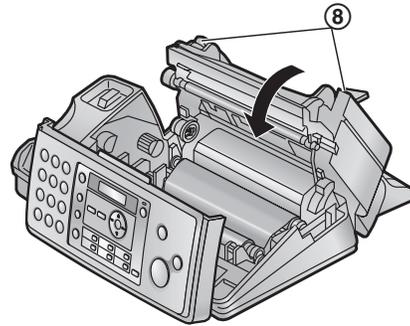
Incorrect



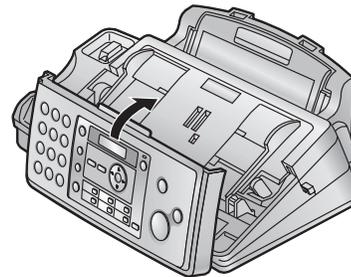
No ink film is wrapped around the blue core.



- 6** Close the back cover securely by pushing down on the dotted area at both ends (⑧).



- 7** Close the front cover securely.



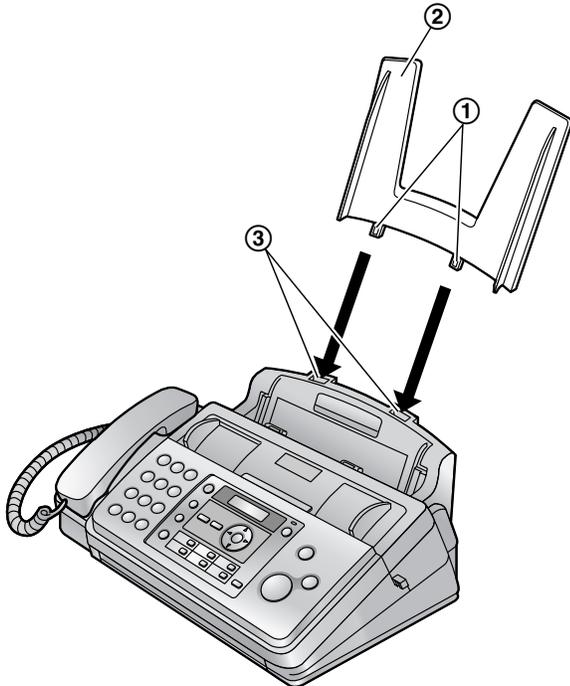
1.6 Handset cord

Connect the handset cord (1).



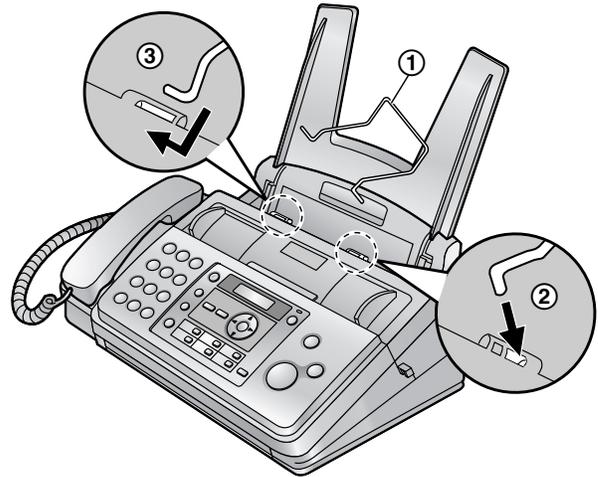
1.7 Paper tray

Insert the tabs (1) on the paper tray (2) into the slots on the back of the unit (3).



1.8 Paper support

Insert the paper support (1) into the slot to the right of the recording paper exit (2), then into the left slot (3).

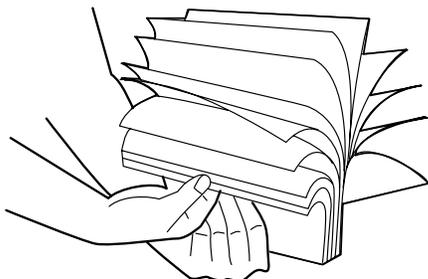


1.9 Recording paper

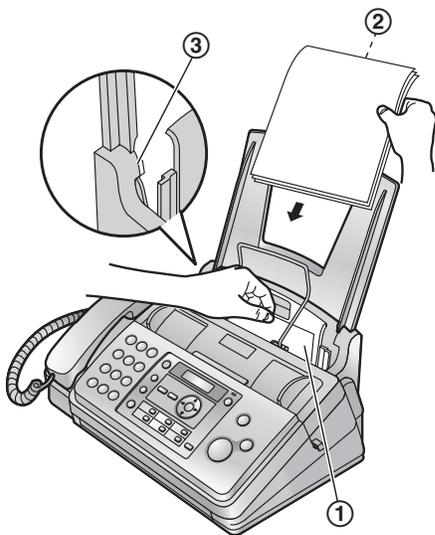
The unit can hold up to 50 sheets of 64 g/m² to 80 g/m² paper.

Please refer to page 50 for more information on recording paper.

- 1 Fan the paper to prevent paper jams.

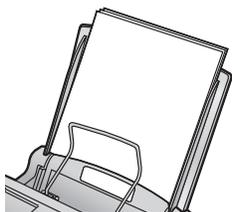


- 2 Pull the tension plate forward (①) and insert the paper gently, print-side down (②).
 - The paper should not be over the tab (③).

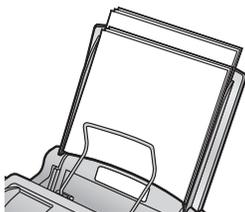


- If the paper is not inserted correctly, remove all of the installed paper, and re-install it gently. Otherwise the paper may jam.

Correct



Incorrect



Note:

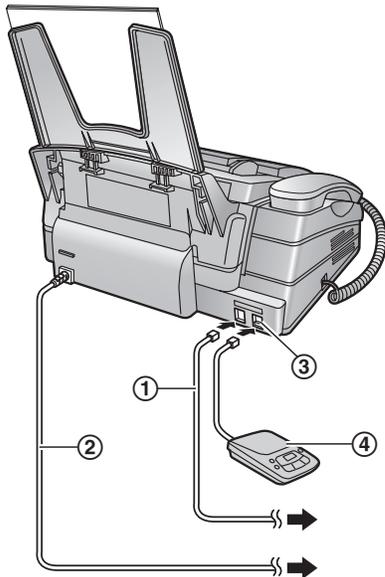
- Remove all of the installed paper before adding paper.

2.1 Connections

Caution:

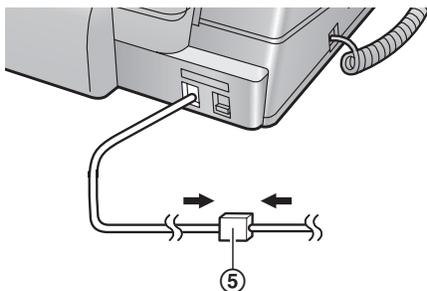
- When you operate this product, the power outlet should be near the product and easily accessible.
- Be sure to use the telephone line cord included in this unit.
- Do not extend the telephone line cord.

- ① Telephone line cord
 - Connect to a single telephone line jack.
- ② Power cord
 - Connect to a power outlet (220–240 V, 50/60 Hz).
- ③ [EXT] jack
 - You can connect an answering machine or a telephone. Remove the stopper if attached.
- ④ Answering machine (not included)



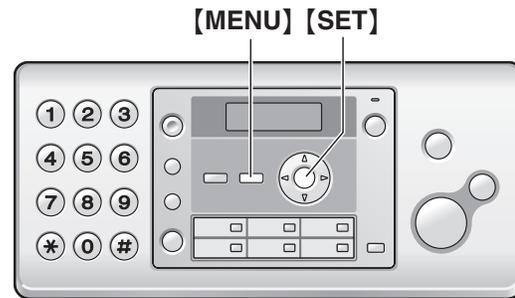
Note:

- If any other device is connected to the same telephone line, this unit may disturb the network condition of the device.
- If you use the unit with a computer and your internet provider instructs you to install a filter (5), please connect it as follows.



2.2 Dialling mode

If you cannot dial (page 16, 20), change this setting depending on your telephone line service.

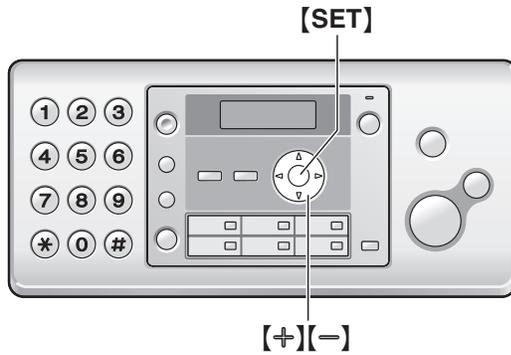


- 1 [MENU] → [#][1][3]

DIAL MODE	[±]
=TONE	

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

2.3 Adjusting volume



Ringer volume

While the unit is idle, press [+] or [-].

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

To turn the ringer OFF

Press [-] repeatedly to display "RINGER OFF= OK?".
→ [SET]

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

Ringer tone

- You can select the ringer tone from one of 3 patterns (feature #17 on page 30).

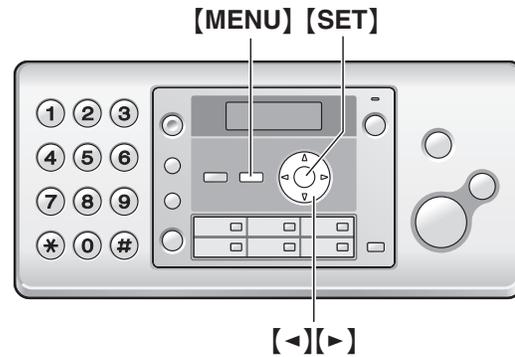
Handset receiver volume

While using the handset, press [+] or [-].

Speaker volume

While using the monitor, press [+] or [-].

2.4 Date and time



1 [MENU] → [#][0][1] → [SET]

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

2 Enter the current date/month/year/hour/minute by selecting 2 digits for each. Press [*] repeatedly to select "AM", "PM", or 24 hour clock format.

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

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

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

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

3 [SET]

4 Press [MENU] to exit.

Note:

- The other party's fax machine will print the date and time on the top of each page you send according to your unit's date and time setting.

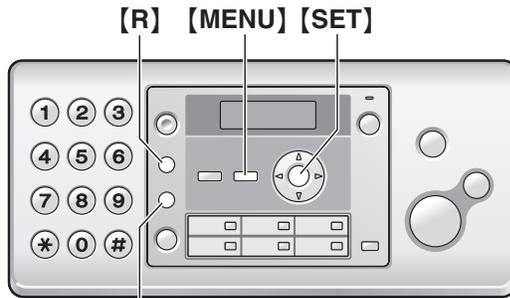
To correct a mistake

Press [◀] or [▶] to move the cursor to the incorrect number, and make the correction.



2.5 Your logo

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



[HANDSET MUTE]

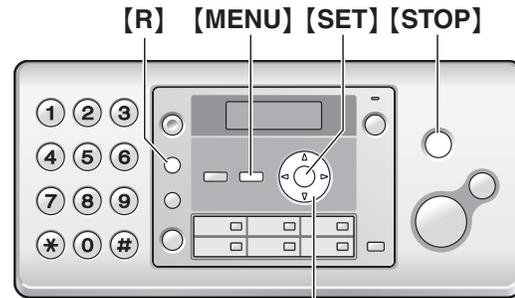
- 1 [MENU] → [#][0][2] → [SET]

LOGO= [# : ABC]

- 2 Enter your logo, up to 30 characters (see page 36 for character entry).
 - To enter a hyphen, press [R].
 - To insert a space, press [HANDSET MUTE].
- 3 [SET]
- 4 Press [MENU] to exit.

2.6 Your fax number

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



[->][<-]

- 1 [MENU] → [#][0][3] → [SET]

NO. = []

- 2 Enter your fax number, up to 20 digits.
 - To enter a "+", press [*].
 - To enter a space, press [#].
 - To enter a hyphen, press [R].
 - To erase a number, press [STOP].
- 3 [SET]
- 4 Press [MENU] to exit.

To correct a mistake

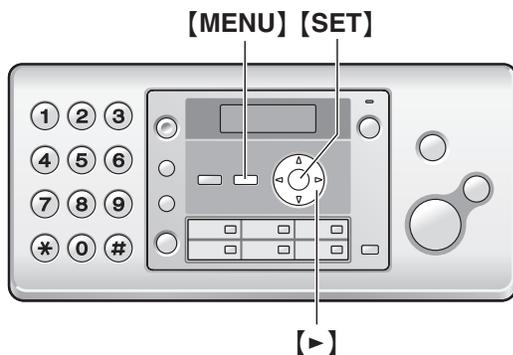
Press [->] or [<-] to move the cursor to the incorrect number, and make the correction.

- To erase all of the numbers, press and hold [STOP].



3.1 Storing names and telephone numbers into the phonebook

The unit provides a phonebook (106 items including 6 one touch dial items).



- 1 Press **[MENU]** repeatedly to display “PHONEBOOK SET”. → **[*]** → **[▶]**
- 2 Enter the name, up to 16 characters (see page 36 for instructions). → **[SET]**
- 3 Enter the telephone number, up to 24 digits. → **[SET]**
 - To program other items, repeat steps 2 to 3.
- 4 Press **[MENU]** to exit.

3.2 Making a phone call using the phonebook

- 1 **[PHONEBOOK]**
- 2 Press **[+]** or **[-]** repeatedly to display the desired item.
- 3 Press **[MONITOR]** or lift the handset.

To search for a name by initial

Example: “LISA”

1. **[PHONEBOOK]**
2. Press **[+]** or **[-]** to initiate the phonebook.
3. Press **[5]** repeatedly to display any name with the initial “L” (see the character table, page 36).
 - To search for symbols, press **[1]**.
4. Press **[-]** repeatedly to display “LISA”.
 - To stop the search, press **[STOP]**.
 - To dial the displayed number, press **[MONITOR]** or lift the handset.

3.3 Editing a stored item

- 1 **[PHONEBOOK]**
- 2 Press **[+]** or **[-]** repeatedly to display the desired item. → **[MENU]**
- 3 **[*]**

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

- 4 Edit the name. For further details, see the storing procedure on page 16.
- 5 **[SET]**
 - If you do not need to edit the telephone number, skip to step 7.
- 6 Edit the telephone number. For further details, see the storing procedure on page 16.
- 7 **[SET]**

3.4 Erasing a stored item

3.4.1 Erasing a specific item

1. **[PHONEBOOK]**
2. Press **[+]** or **[-]** repeatedly to display the desired item. → **[MENU]** → **[#]**
 - To cancel erasing, press **[STOP]**.
3. **[SET]**

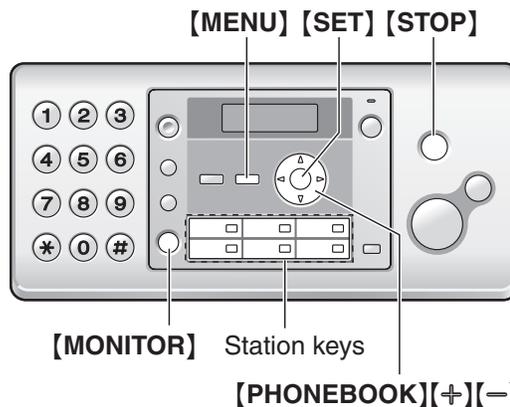
3.4.2 Erasing all items

1. **[PHONEBOOK]** → **[MENU]**
2. Press **[+]** or **[-]** repeatedly to select “YES”. → **[SET]**
 - To cancel erasing, press **[STOP]**.
3. **[SET]**

3.5 One touch dial feature

For rapid access to frequently dialed numbers, the unit provides the one touch dial feature (6 items).

- You can also send faxes using the one touch dial feature (page 21).



3.5.1 Storing one touch dial items

- 1 Press **[MENU]** repeatedly to display “PHONEBOOK SET”. → **[*]**
- 2 Press the desired station key.

- 3 Enter the name, up to 16 characters (see page 36 for instructions). → **[SET]**
- 4 Enter the telephone number, up to 24 digits. → **[SET]**
 - To program other items, repeat steps 2 to 4.
- 5 Press **[MENU]** to exit.

3.5.2 Making phone calls using the one touch dial

- 1 Press the desired station key.
- 2 Press **[MONITOR]** or lift the handset.

3.5.3 Editing a stored item

- 1 **[PHONEBOOK]**
- 2 Press **[+]** or **[-]** repeatedly to display the desired item. → **[MENU]**
- 3 **[*]**
 - If you do not need to edit the name, skip to step 5.
- 4 Edit the name. For further details, see the storing procedure on page 16.
- 5 **[SET]**
 - If you do not need to edit the telephone number, skip to step 7.
- 6 Edit the telephone number. For further details, see the storing procedure on page 16.
- 7 **[SET]**

3.5.4 Erasing a stored item

1. **[PHONEBOOK]**
2. Press **[+]** or **[-]** repeatedly to display the desired item. → **[MENU]** → **[#]**
 - To cancel erasing, press **[STOP]**.
3. **[SET]**



3.6 Caller ID service

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

Important:

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

Make sure the following ring count is set to 2 or more rings beforehand.

- FAX ring count (feature #06 on page 30) and TEL/FAX ring count (feature #78 on page 34)
- The name display service may not be available in some areas. For further information, please contact your telephone company.

3.6.1 How Caller ID is displayed

The calling party's name or telephone number will be displayed after the 1st ring. You have the option of whether or not to answer the call.

The unit will automatically store caller information (name, telephone number, date and time of the call, the number of times called) from the 30 most recent callers. It is possible to view caller information one at a time on the display (page 18) or print the entire Caller ID list (page 49).

- When caller information is received and it matches a telephone number stored in the unit's phonebook, the stored name will be displayed.
- If the unit is connected to a PBX (Private Branch Exchange) system, caller information may not be received properly. Consult your PBX supplier.
- If the unit cannot receive caller information, the following will be displayed:
 - “OUT OF AREA”: The caller dialed from an area which does not provide Caller ID service.
 - “PRIVATE CALLER”: The caller requested not to send caller information.
 - “LONG DISTANCE”: The caller made a long distance call.

To confirm caller information using the Caller ID list

- To print manually, see page 49.
- To print automatically after every 30 new calls, activate feature #26 (page 31).

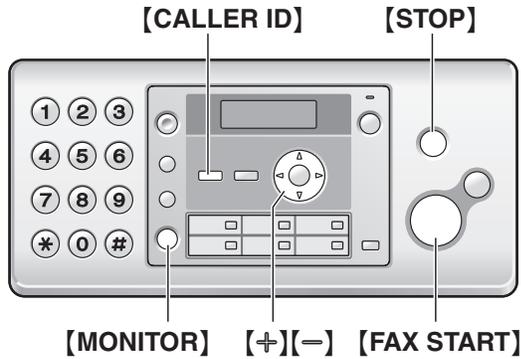
3.7 Viewing and calling back

Important:

- If the area code of the received telephone number is the same as yours, the area code may need to be deleted before calling back. This may only apply to some areas. To edit the number, see page 18.

The display will show the number of new calls in standby mode.

Example: 10 CALLS
10:59



- 1 [CALLER ID]
- 2 Press [-] to search from the recently received caller information.
 - If you press [+], the display order will be reversed.
- 3 Press [MONITOR] or lift the handset to return the call.
 - To send a fax, insert the document FACE DOWN and press [FAX START].

To change the way caller information is displayed
Press [CALLER ID] repeatedly after step 2.

Example: SAM LEE
11:20 20 Jul. ✓
↓
1345678901
11:20 20 Jul. ✓

3.7.1 Symbols and operations for caller information

What “✓” means

“✓” on the display means the call has already been viewed or answered.

If the same person calls more than once

The number of times the same caller called (“×2” to “×9”) will be displayed. Only the date and time of the most recent call will be stored.

Example: The same person called 3 times.

SAM LEE
10:30 20 Jul.×3

To stop viewing

Press [STOP].

3.8 Editing a telephone number before calling back/storing

- 1 [CALLER ID]
- 2 Press [+] or [-] repeatedly to display the desired item.
- 3 Press [CALLER ID] to display the telephone number.
- 4 Press [*], then edit the number.
 - Press dial key ([0] to [9]) to add, [STOP] to delete.
- 5 Press [MONITOR] or lift the handset to call back the edited number.
 - The unit will start dialling automatically.
 - To send a fax, insert the document FACE DOWN and press [FAX START].
 - To store the number in the phonebook, follow from step 3 of the storing procedure on page 19.

3.9 Erasing caller information

3.9.1 Erasing all caller information

- 1 Press [MENU] repeatedly to display “CALLER SETUP”. → [SET]
 - “CALL LIST ERASE” will be displayed.
- 2 [SET]
 - To cancel erasing, press [STOP], then [MENU].
- 3 [SET] → [STOP]

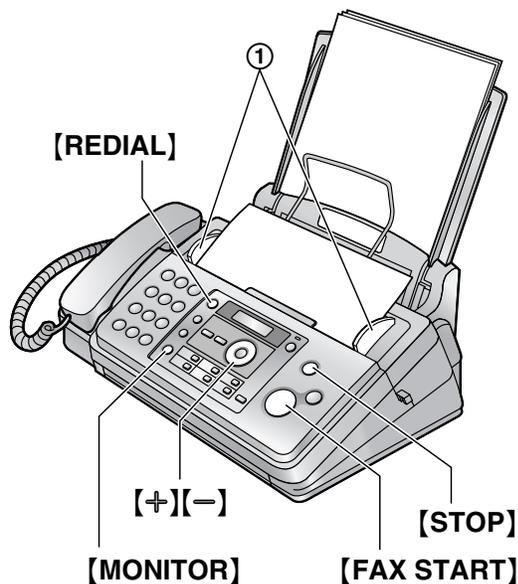
3.9.2 Erasing specific caller information

- 1 [CALLER ID]
- 2 Press [+] or [-] repeatedly to display the desired item. → [◀] → [SET] → [STOP]

3.10 Storing caller information into the phonebook/one touch dial

- 1 **[CALLER ID]**
- 2 Press **[+]** or **[=]** repeatedly to display the desired item.
- 3 **[MENU]**
- 4 Select the phonebook or station key.
Using phonebook:
Press **[PHONEBOOK]**.
Using one touch dial:
Press the desired station key.
- 5 If a name is required, enter up to 16 characters for the name (page 36).
- 6 **[SET]**
 - If the number requires editing, see page 18.
- 7 **[SET]**

4.1 Sending a fax manually



- 1 Adjust the width of the document guides (①) to fit the actual size of the document.
- 2 Insert the document (up to 10 pages) FACE DOWN until a single beep is heard and the unit grasps the document.
- 3 If necessary, press **[+]** or **[-]** repeatedly to select the desired resolution.
- 4 Press **[MONITOR]** or lift the handset.
- 5 Dial the fax number.
- 6 **When a fax tone is heard:**
Press **[FAX START]**.

When the other party answers your call:

Ask them to press their start button. When the fax tone is heard, press **[FAX START]**.

- If you pressed **[MONITOR]** in step 4, lift the handset before speaking.

To select the resolution

Select the desired resolution according to the character size.

- “**STANDARD**”: For normal-sized characters.
- “**FINE**”: For small-sized characters.
- “**SUPER FINE**”: For very small-sized characters.
- “**PHOTO**”: For photographs, shaded drawings, etc.
- Using the “**FINE**”, “**SUPER FINE**” and “**PHOTO**” settings will increase transmission time.

To redial the last number

[REDIAL] → **[FAX START]**

- If the line is busy, the unit will automatically redial the number 2 or more times.
- To cancel redialling, press **[STOP]**.

To send more than 10 pages at a time

Insert the first 10 pages of the document. Add the other pages (up to 10 at a time) on top of the previously inserted pages while the last page is being fed into the unit.

Pre-dialling a fax number

1. Enter the fax number.
2. Insert the document.
3. **[FAX START]**

Sending from memory (Quick scan feature)

To use this feature, activate feature #34 (page 32) beforehand.

1. Insert the document.
2. Enter the fax number. → **[FAX START]**
 - If the document exceeds the memory capacity, transmission will be cancelled and this feature will be turned OFF automatically. You must send the entire document manually.
 - This feature cannot be used if the handset is in use or **[MONITOR]** is pressed.

To stop sending

Press **[STOP]**.

Printing a sending report

A sending report provides you with a printed record of transmission results (errors, etc.). To print sending reports, make sure feature #04 is activated (page 30). The default setting is “**ERROR**”. For an explanation of error messages, see page 38.

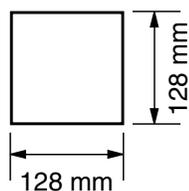
Printing a journal report

A journal report provides you with a printed record of the 30 most recent fax transmissions and receptions. To print it manually, see page 49. To print it automatically after every 30 new fax transmissions and receptions, make sure feature #22 is activated (page 31). For an explanation of error messages, see page 38.

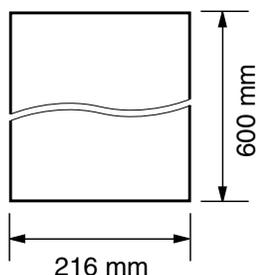


4.2 Document requirements

Minimum document size

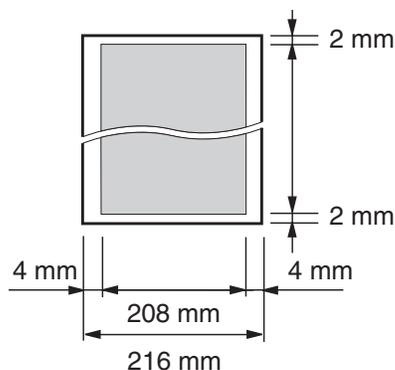


Maximum document size



Effective scanning area

- Shaded area will be scanned.



Document weight

- Single sheet:
45 g/m² to 90 g/m²
- Multiple sheets:
60 g/m² to 80 g/m²

Note:

- Remove clips, staples or other fasteners.
- Do not send the following types of documents: (Make a copy of the document using another copier and send the copy.)
 - Chemically treated paper such as carbon or carbonless duplicating paper
 - Electrostatically charged paper
 - Badly 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 other side, such as newsprint
- Check that ink, paste or correction fluid has dried completely.

- To send a document with a width of less than 210 mm, we recommend using a copy machine to copy the original document onto A4 or letter-sized paper, then sending the copied document.

4.3 Sending a fax using the phonebook and one touch dial feature

Before using this feature, store the desired names and telephone numbers into the phonebook (page 16) and one touch dial feature (page 16).

- 1 Adjust the width of the document guides to fit the actual size of the document.
- 2 Insert the document (up to 10 pages) **FACE DOWN** until a single beep is heard and the unit grasps the document.
- 3 If necessary, press **[+]** or **[-]** repeatedly to select the desired resolution (page 20).
- 4 **Using phonebook:**
 1. **[PHONEBOOK]**
 2. Press **[+]** or **[-]** repeatedly to display the desired item. → **[FAX START]**

Using one touch dial:

Press the desired station key. → **[FAX START]**

Fax auto redial

If the line is busy or if there is no answer, the unit will automatically redial the number 2 or more times.

- To cancel redialling, press **[STOP]**.

4.4 Broadcast transmission

By storing the phonebook items (page 16) into the broadcast memory, you can send the same document to multiple parties (up to 20). Your programmed items will remain in the broadcast memory, allowing frequent re-use.

4.4.1 Programming items into the broadcast memory

1 Press **[MENU]** repeatedly to display “**BROADCAST SET**”. → **[⇄]**

2 Program items.

Using phonebook:

Press **[+]** or **[-]** repeatedly to display the desired item. → **[SET]**

Using one touch dial:

Press the desired station key.

- The number in brackets indicates the number of registered items.
- If you have programmed the wrong item, press **[STOP]** to erase the item.
- To program other items, repeat step 2 (up to 20 items).

3 **[SET]** → **[STOP]**

4.4.2 Adding a new item into the broadcast memory

1 **[PHONEBOOK]**

2 Press **[+]** or **[-]** repeatedly to display “**<BROADCAST>**”. → **[MENU]** → **[*]**

3 Press **[+]** or **[-]** repeatedly to display the desired item. → **[SET]**

- To add other items, repeat step 3 (up to 20 items).

4 **[STOP]**

4.4.3 Erasing a stored item from the broadcast memory

1 **[PHONEBOOK]**

2 Press **[+]** or **[-]** repeatedly to display “**<BROADCAST>**”. → **[MENU]** → **[⇄]**

3 Press **[+]** or **[-]** repeatedly to display the desired item you want to erase.

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

4 **[SET]** → **[SET]** → **[STOP]**

4.4.4 Sending the same document to pre-programmed parties

1 Insert the document FACE DOWN.

2 If necessary, press **[+]** or **[-]** repeatedly to select the desired resolution (page 20).

3 **[BROADCAST]**

- After transmission, the unit will automatically print a report (**Broadcast sending report**).

Note:

- If you select “**FINE**”, “**SUPER FINE**” or “**PHOTO**” resolution, the number of pages that the unit can send will decrease.
- If the document exceeds the memory capacity, transmission will be cancelled.
- If a party is busy or does not answer, it will be skipped and redialled later 2 or more times.

To send the same document to a one-time group of items

1. Insert the document. → **[PHONEBOOK]**

2. Press **[+]** or **[-]** repeatedly to display “**<ONE TIME BROAD>**”. → **[SET]**

3. Press **[+]** or **[-]** repeatedly to display the desired party. → **[SET]**

- If you have programmed the wrong item, press **[STOP]** to erase the item.
- To program other parties, repeat step 3 (up to 20 items).

4. Press **[FAX START]** to start transmission to the programmed parties.

To cancel broadcast transmission

Press **[STOP]** repeatedly to display “**SEND CANCELLED?**”. → **[SET]**



4.5 Selecting the way to use your fax machine

Depending on your situation, select the way you prefer to use your fax machine.

- Use only as a fax (FAX ONLY mode)
- Use mostly as a telephone (TEL mode)
- Use as a telephone and/or fax (TEL/FAX mode)
- Use with answering machine

4.5.1 Use only as a fax (FAX ONLY mode)

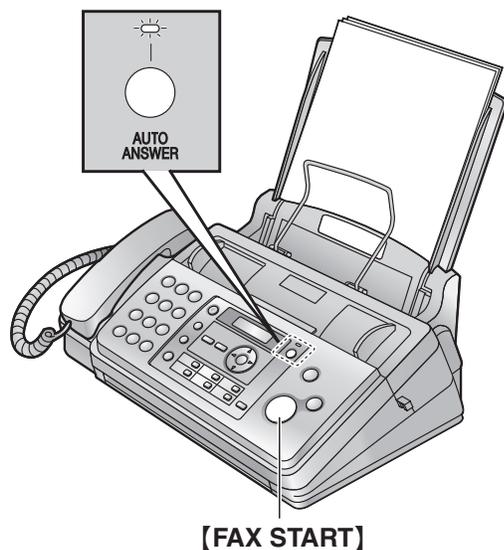
Your situation

You have a separate telephone line just for faxes.

Setup

Set the fax machine to FAX ONLY mode (page 25) by pressing **[AUTO ANSWER]** repeatedly.

- The **[AUTO ANSWER]** indicator turns ON.



How faxes are received

All incoming calls will be answered as faxes.

4.5.2 Use mostly as a telephone (TEL mode)

Your situation

You want to answer calls yourself. If a fax call is received, you must receive the fax manually.

Setup

Set the fax machine to TEL mode (page 24) by pressing **[AUTO ANSWER]** repeatedly.

- The **[AUTO ANSWER]** indicator turns OFF.



Note:

- Make sure feature #73 is set to “TEL” (page 34) beforehand.

How to receive phone calls and faxes

You have to answer all calls manually.

To receive a fax, press **[FAX START]**.

4.5.3 Use as a telephone and/or fax (TEL/FAX mode)

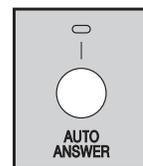
Your situation

You want to answer phone calls yourself and receive faxes automatically without rings.

Setup

Set the fax machine to TEL/FAX mode (page 24) by pressing **[AUTO ANSWER]** repeatedly.

- The **[AUTO ANSWER]** indicator turns OFF.



Note:

- Make sure feature #73 is set to “TEL/FAX” (page 34) beforehand.

How phone calls and faxes are received

If the call is a phone call, the fax machine will ring.

If a fax calling tone is detected, the fax machine will receive the fax automatically without ringing.

4.5.4 Use with answering machine

Your situation

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

Setup

Connect an external telephone answering machine (page 25) and set the ring count of the answering machine to less than 4.

- Set the ring count in FAX ONLY mode of the fax machine to more than 4, if you use with auto answer ON.

How to receive calls

If the call is a phone call, the answering machine will record voice messages.

If a fax calling tone is detected, the fax machine will receive a fax automatically.

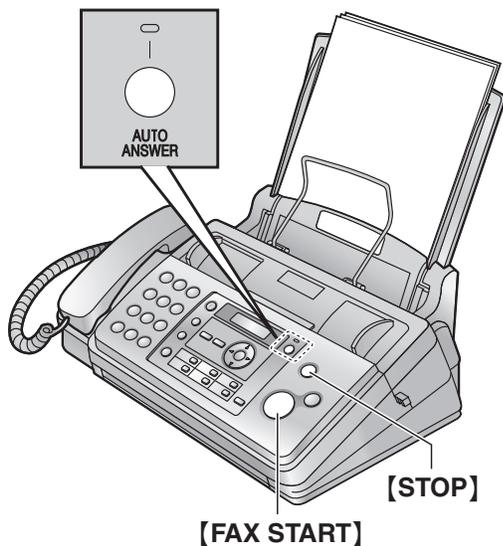
4.6 Receiving a fax manually – Auto answer OFF

Note:

- By default, the unit reduces the size of the received document to 92 % when printing (See feature #36 on page 32 for details).

4.6.1 Activating TEL mode

- 1 Make sure feature #73 is set to “TEL” (page 34) beforehand.
- 2 Press **[AUTO ANSWER]** repeatedly to display “TEL MODE”.
 - The **[AUTO ANSWER]** indicator turns OFF.



Note:

- If you do not answer the call within 10 rings, the unit will temporarily switch to fax reception. The other party can then send a fax.

How to receive phone calls and faxes

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

To stop receiving

Press **[STOP]**.

How to receive faxes with an extension telephone

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

- document reception is required,
- a fax calling tone (slow beep) is heard, or
- no sound is heard,

press **[*][#][9]** (default fax activation code) **firmly**.

3. Replace the handset.

Note:

- To receive fax documents using the extension telephone, make sure remote fax activation is turned ON (feature #41 on page 32) beforehand. The default setting is ON.

4.6.2 Activating TEL/FAX mode

- 1 Make sure feature #73 is set to “TEL/FAX” (page 34) beforehand.
- 2 Press **[AUTO ANSWER]** repeatedly to display “TEL/FAX MODE”.
 - The **[AUTO ANSWER]** indicator turns OFF.
- 3 The ringer volume setting should be ON (page 14).

How phone calls and faxes are received

1. “INCOMING CALL” will be displayed but the unit will not ring.
2. The unit will wait for the duration of **2 rings** before answering the call.
 - The number of rings is determined by the “TEL/FAX delayed ring setting” (feature #78 on page 34).
 - During this time, an extension telephone will ring.
3. The unit will answer the call and try to detect a fax calling tone.

When a fax calling tone is detected

The unit receives the fax automatically without ringing.

When a fax calling tone is not detected

- 1 The unit will ring. You may answer the call.
 - Callers will hear a ring back tone different from the one generated by the telephone company.
 - An extension telephone will not ring at this time. To answer the call with the extension telephone (if connected to the same line), lift the handset and press **[*][0]** (default auto disconnection code) while the fax machine is ringing. The auto disconnection code can be changed in feature #49 on page 33.
- 2 If you do not answer the call, the unit will activate the fax function.
 - Some fax machines do not generate fax calling tones when sending faxes, therefore the unit will try to receive a fax even if no fax calling tone is detected.

Note:

- Even when you answer a call with the extension telephone and press the auto disconnection code, the fax machine may activate the fax function

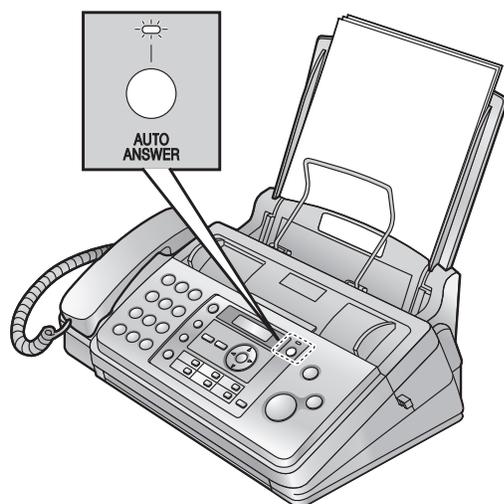
depending on the type of an extension telephone. Press **[STOP]** on the fax machine to talk with the calling party.

4.7 Receiving a fax automatically – Auto answer ON

Note:

- By default, the unit reduces the size of the received document to 92% when printing (See feature #36 on page 32 for details).

4.7.1 Activating FAX ONLY mode



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

- The **[AUTO ANSWER]** indicator turns ON.

How faxes are received

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

Note:

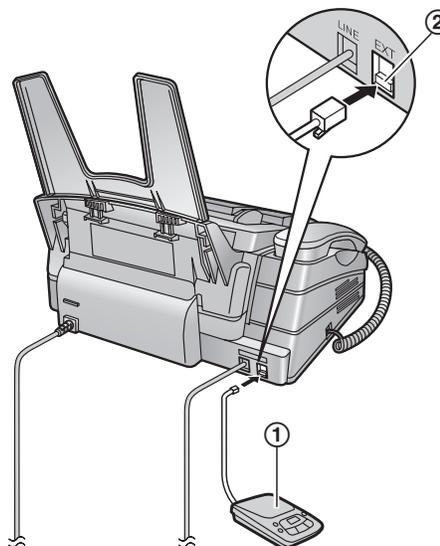
- The number of rings before a call is answered in FAX ONLY mode can be changed (feature #06 on page 30).



4.8 Using the unit with an answering machine

4.8.1 Setting up the unit and an answering machine

- Connect the answering machine (1).
 - Answering machine is not included.
 - Remove the stopper (2) if attached.



- Set the number of rings on the answering machine to less than 4.
 - This will allow the answering machine to answer the call first.
- Record a greeting message on the answering machine.
 - We recommend you record a message up to 10 seconds long, and not to pause for more than 4 seconds during the message. Otherwise, both machines will not function correctly.
- Activate the answering machine.
- Set the unit to the desired receiving mode (page 24).
 - If you set to FAX ONLY mode, **change the ring setting in FAX ONLY mode to more than 4 (feature #06 on page 30).**
- Check all or part of the following are not the same:
 - the remote access code of the answering machine
 - the fax activation code (feature #41 on page 32)

Note:

- If the call is a phone call, the answering machine will record voice messages. If a fax calling tone is detected, the fax machine will receive a fax automatically.

Receiving a voice message and fax document in one call

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

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

Note:

- To use this feature, make sure remote fax activation is turned ON (Feature #41 on page 32). The fax activation code can also be changed.
- If there is no room left in memory of your answering machine, the unit may not be able to receive documents. See the operating instructions of the answering machine and erase unnecessary messages.

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

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

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

- 1 Press **[MENU]** repeatedly to display "POLLING".
- 2 **[SET]**
- 3 Dial the fax number.
- 4 **[FAX START]**
 - The unit will start reception.

4.10 Junk fax prohibitor (preventing fax reception from undesired callers)

If you subscribe to Caller ID service (page 17), this feature prevents fax reception from calls that do not show caller information.

Additionally, the fax machine will not accept faxes originated from numbers that match the one on a programmable junk fax prohibitor list.

Important:

- **This feature does not work when manual reception is performed.**

4.10.1 Activating the junk fax prohibitor

- 1 Press **[MENU]** repeatedly to display "JUNK FAX PROH." → **[▶]**
- 2 Press **[+]** or **[-]** repeatedly to select "ON". → **[SET]**
- 3 Press **[MENU]** to exit.

4.10.2 Storing undesired callers

You can register up to 10 undesired numbers from the Caller ID list (page 17) if you do not wish to receive faxes from them.

- 1 Press **[MENU]** repeatedly to display "JUNK FAX PROH.".
- 2 Press **[▶]** repeatedly to display "JUNK LIST SET". → **[SET]**
- 3 Press **[+]** or **[-]** repeatedly to display the item you wish to prevent the fax reception from. → **[SET]**
- 4 Press **[STOP]** to exit.

To display the junk fax prohibitor list

1. Press **[MENU]** repeatedly to display "JUNK FAX PROH.".
2. Press **[▶]** repeatedly to display "JUNK LIST DISP.". → **[SET]**
3. Press **[+]** or **[-]** to display the item.
4. Press **[MENU]** to exit.

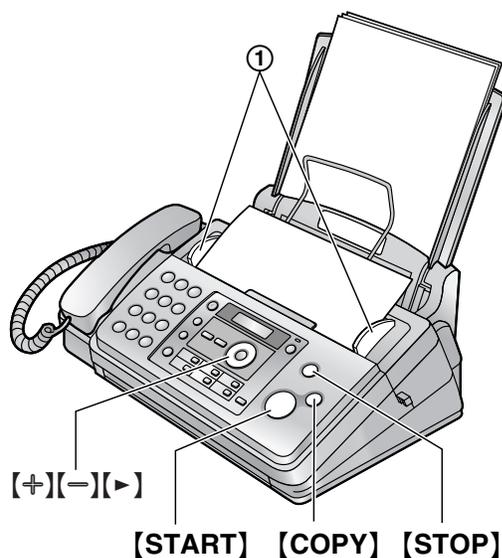
To print the junk fax prohibitor list

1. Press **[MENU]** repeatedly to display "JUNK FAX PROH.".
2. Press **[▶]** repeatedly to display "JUNK LIST PRINT". → **[SET]**
3. Press **[MENU]** to exit.

To erase an item from the junk fax prohibitor list

1. Press **[MENU]** repeatedly to display "JUNK FAX PROH.".
2. Press **[▶]** repeatedly to display "JUNK LIST DISP.". → **[SET]**
3. Press **[+]** or **[-]** repeatedly to display the desired item. → **[◀]**
 - To cancel erasing, press **[STOP]**, then press **[MENU]**.
4. **[SET]** → **[MENU]**

5.1 Making a copy



- Adjust the width of the document guides (①) to fit the actual size of the document.
- Insert the document (up to 10 pages) FACE DOWN until a single beep is heard and the unit grasps the document.
- If necessary, press [+] or [-] repeatedly to select the desired resolution.
 - If you select "STANDARD", copying will be performed using "FINE" mode.
- [COPY]**
 - If necessary, enter the number of copies (up to 50).
- Press **[START]**, or the unit will start copying within 20 seconds.
 - The unit will start copying.

Note:

- Any document which can be sent as a fax can also be copied (page 21).

To select the resolution

Select the desired resolution according to the character size.

- "FINE": For small-sized characters.
- "SUPER FINE": For very small-sized characters.
- "PHOTO": For photographs, shaded drawings, etc.

Copying from memory (Quick scan feature)

This feature is helpful when you want to copy the document, then remove it for other uses. To use this feature, activate feature #34 (page 32) beforehand. The default setting is OFF.

- If the document exceeds the memory capacity, copying of the exceeded document will be cancelled and this feature will be turned OFF automatically.

To stop copying

Press **[STOP]**.

5.1.1 More copying features

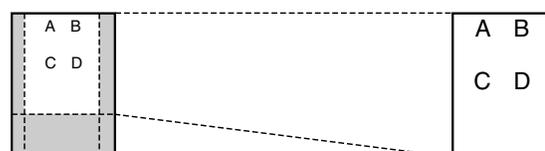
To enlarge a document

- Insert the document.
- [COPY]** → **[>]**
- Press **[+]** repeatedly to select "150%" or "200%". → **[START]**
 - The unit will enlarge the centre of the upper part of the document. To make an enlarged copy of the bottom of the document, turn the document around, and then make a copy.

Example: 150 % enlarged copy

Original document

Enlarged copy



To reduce a document

- Insert the document.
- [COPY]** → **[>]**
- Press **[-]** repeatedly to select "92%", "86%" or "72%", then press **[START]**.

Setting	Recording paper size	Original document size
"100%" (default)	A4	A4, Letter
"92%"	A4	A4
"86%"	A4	A4
"72%"	A4	Legal

Note:

- If the image at the bottom of the document is not copied when you copy a document that is the same length as the recording paper, try 92 % or 86 %.

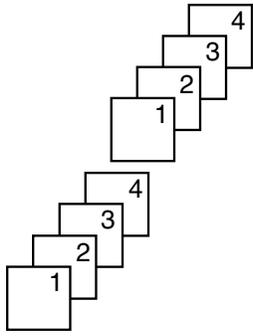
To collate multiple copies

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

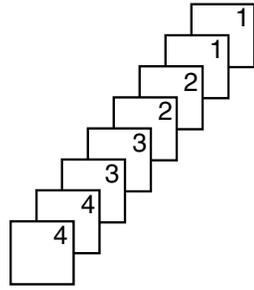
- Insert the document.
- [COPY]**
- Enter the number of copies (up to 50).
- Press **[>]** 2 times to display "COLLATE OFF".
- Press **[+]** or **[-]** repeatedly to display "COLLATE ON". → **[START]**

5. Copy

Example: Making 2 copies of a 4-page original document



Collated pages

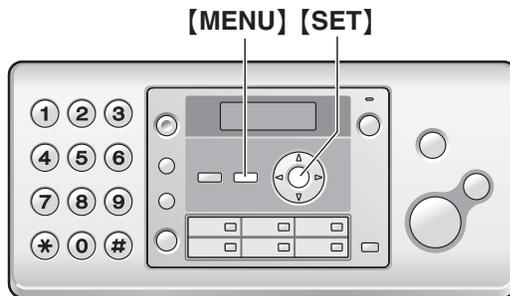


Uncollated pages

Note:

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

6.1 Programming



- 1 **[MENU]**
- 2 Press **[#]** and the 2-digit code.
- 3 Press the desired command to display the desired setting.
 - This step may be slightly different depending on the feature.
- 4 **[SET]**
- 5 To exit programming, press **[MENU]**.

6.2 Basic features

Feature	Feature code	Selection
Setting the date and time	[#][0][1]	Enter the date and time using the dial keypad. See page 14 for details.
Setting your logo	[#][0][2]	Enter your logo using the dial keypad. See page 15 for details.
Setting your fax number	[#][0][3]	Enter your fax number using the dial keypad. See page 15 for details.
Printing a sending report	[#][0][4]	[0] "OFF": Sending reports will not be printed. [1] "ON": A sending report will be printed after every fax transmission. [2] "ERROR" (default): A sending report will be printed only when a fax transmission fails.
Changing the ring count in FAX ONLY mode	[#][0][6]	[1] "1" [2] "2" (default) [3] "3" [4] "4" [5] "5" [6] "6" [7] "7" [8] "8" [9] "9"
Setting the dialling mode	[#][1][3]	If you cannot make calls, change this setting according to your telephone line service. [1] "PULSE": For rotary/pulse dial service. [2] "TONE" (default): For tone dial service.
Setting the ringer tone	[#][1][7]	[1] "TONE 1" (default) [2] "TONE 2" [3] "TONE 3"



6.3 Advanced features

Feature	Feature code	Selection
Setting the journal report to print automatically	[*][2][2]	<p>[0] “OFF”: The unit will not print a journal report, but will keep a record of the last 30 fax transmissions and receptions.</p> <p>[1] “ON” (default): The unit will print a journal report automatically after every 30 new fax transmissions and receptions (page 20).</p>
Sending documents overseas	[*][2][3]	<p>If you cannot send a fax overseas even if the number is correct and the line is connected, activate this feature before sending the fax.</p> <p>This feature improves the reliability by reducing the transmission speed.</p> <p>[0] “OFF”: Deactivates this feature.</p> <p>[1] “NEXT FAX”: This setting is effective only for the next attempted fax transmission. After transmission, the unit will return to the previous setting.</p> <p>[2] “ERROR” (default): When the previous fax transmission fails and you wish to re-send the document.</p> <p>Note:</p> <ul style="list-style-type: none"> • Calling charges may be higher than usual.
Sending a fax at a specified time	[*][2][5]	<p>This feature allows you to take advantage of low-cost calling hours offered by your telephone company. This feature can be set up to 24 hours in advance of the desired time.</p> <p>[0] “OFF” (default)</p> <p>[1] “ON”</p> <p>To send a document:</p> <ol style="list-style-type: none"> 1. Insert the document. 2. If necessary, press [+] or [-] repeatedly to select the desired resolution (page 20). 3. [MENU] → [*][2][5] 4. Press [1] to select “ON”. → [SET] 5. Enter the fax number. → [SET] 6. Enter the transmission start time. <ul style="list-style-type: none"> • If you selected 12 hour clock format (page 14), press [*] repeatedly to select AM or PM. • If you selected 24 hour clock format (page 14), the time is set using 24 hour clock format. 7. [SET] → [MENU] <p>Note:</p> <ul style="list-style-type: none"> • To cancel after programming, press [STOP] then [SET]. • If you change the date and time (feature #01 on page 14) after programming, this feature will be turned OFF automatically.
Setting the Caller ID list to print automatically	[*][2][6]	<p>[0] “OFF” (default): The Caller ID list will not be printed automatically, but the unit will keep a record of the information for the last 30 different callers.</p> <p>[1] “ON”: The Caller ID list will be printed automatically each time the unit logs 30 different callers (page 17).</p>

6. Programmable Features

Feature	Feature code	Selection															
Setting the quick scan	[*][3][4]	<p>This feature is helpful when you want to remove the document for other uses, because the unit will release the document before sending or copying.</p> <p>[0] "OFF" (default): Deactivates this feature.</p> <p>[1] "ON": The unit will scan the document and store it into memory first, then the unit will start sending or copying the documents.</p> <p>Note:</p> <ul style="list-style-type: none"> If the document exceeds the memory capacity, sending of the whole document or copying of the exceeded document will be cancelled and this feature will be turned OFF automatically. 															
Receiving oversized documents	[*][3][6]	<p>If the size of the document sent by the other party is as large as or larger than the recording paper, the unit can reduce the document and print it. Select the desired reduction rate.</p> <p>[1] "72%"</p> <p>[2] "86%"</p> <p>[3] "92%" (default)</p> <p>[4] "100%"</p> <table border="1" data-bbox="760 829 1453 1108"> <thead> <tr> <th>Setting</th> <th>Recording paper size</th> <th>Original document size</th> </tr> </thead> <tbody> <tr> <td>"100%"</td> <td>A4</td> <td>Letter</td> </tr> <tr> <td>"92%" (default)</td> <td>A4</td> <td>A4</td> </tr> <tr> <td>"86%"</td> <td>A4</td> <td>A4</td> </tr> <tr> <td>"72%"</td> <td>A4</td> <td>Legal</td> </tr> </tbody> </table> <p>Note:</p> <ul style="list-style-type: none"> The information of the sending party is printed on the top of each page. Therefore, even if the original document is the same size as the recording paper, the document will be divided into 2 sheets when printed at "100%". Select "92%" to print on 1 sheet. 	Setting	Recording paper size	Original document size	"100%"	A4	Letter	"92%" (default)	A4	A4	"86%"	A4	A4	"72%"	A4	Legal
Setting	Recording paper size	Original document size															
"100%"	A4	Letter															
"92%" (default)	A4	A4															
"86%"	A4	A4															
"72%"	A4	Legal															
Changing the LCD display contrast	[*][3][9]	<p>[1] "NORMAL" (default)</p> <p>[2] "DARKER"</p>															
Changing the fax activation code	[*][4][1]	<p>If you wish to use an extension telephone (page 24) to receive faxes, activate this feature and program the activation code.</p> <p>[0] "OFF"</p> <p>[1] "ON" (default)</p> <ol style="list-style-type: none"> [MENU] → [*][4][1] Press [1] to select "ON". → [SET] Enter your code from 2 to 4 digits, using 0-9, [*] and [*]. <ul style="list-style-type: none"> The default code is "*#9". [SET] → [MENU] 															

Feature	Feature code	Selection
Setting the memory reception alert	[#][4][4]	To alert you with a beeping sound when a received fax document is stored into memory due to some existing problem. [0] "OFF": Deactivates this feature. [1] "ON" (default): You will hear a beeping sound. Note: <ul style="list-style-type: none"> The slow beeps will continue until you clear the printing problem and make sure the unit is supplied with enough paper to print the stored document.
Setting friendly reception	[#][4][6]	To receive a fax automatically when you answer a call and hear a fax calling tone (slow beep). [0] "OFF": You have to press [FAX START] for fax reception. [1] "ON" (default): You do not have to press [FAX START] for fax reception.
Selecting the language	[#][4][8]	The display will be in the selected language. [1] "ENGLISH" (default): English is used. [2] "BULGARIAN": Bulgarian is used. [3] "CROATIAN": Croatian is used. [4] "SERBIAN": Serbian is used [5] "ALBANIAN": Albanian is used. [6] "SLOVENE": Slovene is used. 1. [MENU] → [#][4][8] 2. Press [1] to [6] to select the desired language. → [SET] → [MENU]
Setting the auto disconnection	[#][4][9]	To answer a call with an extension telephone in TEL/FAX mode (page 24), activate this feature and program the code. [0] "OFF" [1] "ON" (default) 1. [MENU] → [#][4][9] 2. Press [1] to select "ON". → [SET] 3. Enter your code from 2 to 4 digits, using 0-9 and [*] . <ul style="list-style-type: none"> The default code is "*0". 4. [SET] → [MENU]
Setting the scan contrast	[#][5][8]	To send or copy a document with faint or dark writing, set this feature before transmission or copying. [1] "NORMAL" (default): Used for normal writing. [2] "LIGHT": Used for dark writing. [3] "DARKER": Used for faint writing.
Setting the Error Correction Mode (ECM)	[#][6][8]	This feature is available when the transmitting / receiving fax machines are ECM compatible. [0] "OFF": Deactivates this feature. [1] "ON" (default): If there is an error during fax transmission / reception, the fax machine will support the communication. Note: <ul style="list-style-type: none"> You cannot change the setting when received documents are in memory.

6. Programmable Features

Feature	Feature code	Selection
Setting recall time	【#】[7][2]	<p>The recall time depends on your telephone exchange or host PBX.</p> <p>【1】“900ms” 【2】“700ms” 【3】“600ms” (default) 【4】“400ms” 【5】“300ms” 【6】“250ms” 【7】“200ms” 【8】“160ms” 【9】“110ms” 【*】“100ms” 【0】“90ms” 【#】“80ms”</p> <p>Note:</p> <ul style="list-style-type: none"> • If the unit is connected via a PBX, this setting may need to be changed in order for PBX functions (transferring a call, etc.) to work correctly. Consult your PBX supplier for the correct setting.
Changing the receiving mode in the manual answer setting	【#】[7][3]	<p>【1】“TEL” (default): Telephone mode (page 24) 【2】“TEL/FAX”: Telephone/Fax mode (page 24)</p>
Setting the connecting tone	【#】[7][6]	<p>If you often have trouble when sending faxes, this feature allows you to hear connecting tones: fax tone, ring back tone and busy tone. You can use those tones to confirm the status of the other party’s machine.</p> <p>【0】“OFF”: Deactivates this feature. 【1】“ON” (default): You will hear connecting tones.</p> <p>Note:</p> <ul style="list-style-type: none"> • If the ring back tone continues, the other party’s machine may not be a fax machine or may have run out of paper. Check with the other party. • The connecting tone volume cannot be adjusted.
Changing the TEL/FAX delayed ring count	【#】[7][8]	<p>If you use an extension telephone in TEL/FAX mode, select the desired number of times the extension telephone rings before the unit answers the call.</p> <p>【1】“1” 【2】“2” (default) 【3】“3” 【4】“4” 【5】“5” 【6】“6” 【7】“7” 【8】“8” 【9】“9”</p>

Feature	Feature code	Selection
Resetting advanced features to their default settings	[#][8][0]	<p>[0] "NO" (default) [1] "YES"</p> <p>To reset the advanced features:</p> <ol style="list-style-type: none">[MENU] → [#][8][0]Press [1] to select "YES". → [SET] → [SET] → [MENU] <p>Note:</p> <ul style="list-style-type: none">The language setting (feature #48 on page 33) and ECM setting (feature #68 on page 33) will not be reset.



7.1 Character entry

The dial keys are used to enter characters and numbers. Each dial key has multiple characters assigned to it. The available character entry modes are Alphabet (ABC), Numeric (0-9), Greek (ABΓ), Extended 1 (AĂĂ), Extended 2 (SŠŠ), and Cyrillic (AБB). When in these entry modes except Numeric, you can select which character is entered by pressing a dial key repeatedly.

- Press [◀] or [▶] to move the cursor.
- Press dial keys to enter characters and numbers.
- Press [STOP] to erase the character or number highlighted by the cursor. Press and hold [STOP] to erase all characters or numbers.
- Press [✱] to switch between uppercase and lowercase.
- To enter another character located on the same dial key, press [▶] to move the cursor to the next space, then press the appropriate dial key.

7.1.1 Character entry modes

Several character entry modes can be used when entering text. The characters that can be entered depend on the entry mode.

7.1.2 Characters available in each character entry mode

When the unit displays the character entry screen:

Press [⌘] repeatedly to select a character entry mode.

Alphabet character table (ABC)

[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
Space 0	Space # & ' () * , - . / 1	A B C 2 a b c 2	D E F 3 d e f 3	G H I 4 g h i 4	J K L 5 j k l 5	M N O 6 m n o 6	P Q R S 7 p q r s 7	T U V 8 t u v 8	W X Y Z 9 w x y z 9

Numeric entry table (0-9)

[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
0	1	2	3	4	5	6	7	8	9

Greek character table (ABΓ)

[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
Space 0	Space # & ' () * , - . / 1	A B Γ 2	Δ E Z 3	H Θ I 4	K Λ M 5	N Ξ O 6	Π Ρ Σ 7	T Υ Φ 8	X Ψ Ω Ξ 9

Extended 1 character table (AĂĂ)

[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
Space 0	Space # & ' () * , - . / 1	A Ă Á 2 Ă Ă Ă Ă Æ B C Ç 2 a à á â ä å c ç 2	D E È 3 É Ê Ë Ë Æ F 3 ë ē f 3	G Ğ H 4 I Ĩ Ī Ī Ī Ī ĭ ĭ ĭ 4	J K L 5 j k l 5	M N Ñ 6 O Ò Ó Ô Õ Ö ø 6 m n ñ o ò ó ô õ ö ø 6	P Q R S 7 S ß 7 p q r s S ß 7	T U Ù 8 Ú Û Ü Û V 8 t u ù ú û ü Û v 8	W Ŵ X 9 Y Ŷ Z 9 w Ŵ x y Ŷ z 9

- The following are used for both uppercase and lowercase: ø Š Ŵ Ŷ



Extended 2 character table (SŠŠ)

[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
Space 0	Space # & ' () * , - . / 1	A Á Ā Å B C Č Ć 2	D Ď E É Ě ě F 3	G H I Í 4	J K L Ł Ł Ł 5	M N Ń Ń O Ó Ö Ö 6	P Q R Ŕ Ŕ S Š Š 7	T Ť U Ú Ů Ů ú v 8	W X Y ŷ Ý Z Ž Ž Ž 9
		a á ā Å b c Č Ć 2	d ě e é Ě ě f 3	g h i í 4	j k l ł Ł Ł Ł 5	m n Ń ň o ó ö ö 6	p q r Ŕ Ŕ s š š 7	t ť u ú ú ů ů v 8	w x y ŷ ý z ž ž ž 9

- The following are used for both uppercase and lowercase:

Å Ć Č Ě Ł Ł Ł Ń Ŕ Š Š ů ŷ Ž Ž Ž

Cyrillic character table (АБВ)

[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
Space 0 Г Є І ї ŷ	Space # & ' () * , - . / 1	А Б В Г 2	Д Е Ж З 3	И Й К Л 4	М Н О П 5	Р С Т У 6	Ф Х Ц Ч 7	Ш Щ Ъ Ы 8	Ь Э Ю Я 9

8.1 Error messages – Reports

If a problem occurs during fax transmission or reception, one of the following messages will be printed on the sending and journal reports (page 20).

Message	Code	Cause & Solution
COMMUNICATION ERROR	40-42 46-72 FF	<ul style="list-style-type: none"> • A transmission or reception error occurred. Try again or check with the other party.
	43 44	<ul style="list-style-type: none"> • A line problem occurred. Connect the telephone line cord to a different jack and try again. • An overseas transmission error occurred. Try using the overseas mode (feature #23 on page 31).
DOCUMENT JAMMED	----	<ul style="list-style-type: none"> • Remove the jammed document (page 46).
ERROR-NOT YOUR UNIT	53 54 59 70	<ul style="list-style-type: none"> • A transmission or reception error occurred because of a problem with the other party's fax machine. Check with the other party.
JUNK FAX PROH. REJECT	----	<ul style="list-style-type: none"> • The junk fax prohibitor feature of this unit rejected fax reception.
MEMORY FULL	----	<ul style="list-style-type: none"> • The memory is full of received documents due to a lack of recording paper, a lack of ink film or a recording paper jam. Install paper (page 12), install ink film (page 9) or remove the jammed paper (page 45).
NO DOCUMENT	----	<ul style="list-style-type: none"> • The document was not fed into the unit properly. Re-insert the document and try again.
OTHER FAX NOT RESPONDING	----	<ul style="list-style-type: none"> • The other party's fax machine is busy or has run out of recording paper. Try again. • The other party's fax machine rang too many times. Send the fax manually (page 20). • The other party's machine is not a fax machine. Check with the other party. • The number you dialled is not in service.
PRESSED THE STOP KEY	----	<ul style="list-style-type: none"> • [STOP] was pressed, and fax transmission or reception was cancelled.
OK	----	<ul style="list-style-type: none"> • Fax transmission or reception was successful.



8.2 Error messages – Display

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

Display	Cause & Solution
“BACK COVER OPEN”	<ul style="list-style-type: none"> The back cover is open. Close the back cover firmly.
“CALL SERVICE”	<ul style="list-style-type: none"> There is something wrong with the unit. Contact our service personnel.
“CHECK DOCUMENT”	<ul style="list-style-type: none"> The document was not fed into the unit properly. Re-insert the document. If misfeeding occurs frequently, clean the document feeder rollers (page 47) and try again. The document is longer than 600 mm. Press [STOP] to remove the document. Divide the document into two or more sheets, and try again.
“CHECK PAPER”	<ul style="list-style-type: none"> The recording paper is not installed or the unit has run out of paper. Install paper and press [SET] to clear the message. The recording paper was not fed into the unit properly (page 46). Re-install paper (page 12) and press [SET] to clear the message. The recording paper has jammed near the recording paper entrance. Remove the jammed paper (page 45) and press [SET] to clear the message.
“FAX IN MEMORY”	<ul style="list-style-type: none"> See the other displayed message instructions to print out the document. Received documents are stored in memory due to a lack of recording paper, a lack of ink film or a recording paper jam. Install paper (page 12), install ink film (page 9) or remove the jammed paper (page 45). You will lose all faxes in memory if the power is removed. Check with power connected.
“FAX MEMORY FULL”	<ul style="list-style-type: none"> The memory is full of received documents due to a lack of recording paper, a lack of ink film or a recording paper jam. Install paper (page 12), install ink film (page 9) or remove the jammed paper (page 45). You will lose all faxes in memory if the power is removed. Check with power connected. When performing memory transmission, the document being stored exceeded the memory capacity of the unit. Send the entire document manually.
“FILM EMPTY”	<ul style="list-style-type: none"> The ink film is empty. Replace the ink film with a new one (page 9). The ink film is slack. Tighten it (see step 5 on page 10) and install again. The fax machine is positioned near appliances such as TVs or speakers which generate an intense magnetic field.
“FILM NEAR EMPTY”	<ul style="list-style-type: none"> The remaining ink film is low. Prepare a new ink film (page 7).
“MEMORY FULL”	<ul style="list-style-type: none"> When making a copy, the document being stored exceeded the memory capacity of the unit. Press [STOP] to clear the message. Divide the document into sections.
“MODEM ERROR”	<ul style="list-style-type: none"> There is something wrong with the unit's modem. Contact our service personnel.
“NO FAX REPLY”	<ul style="list-style-type: none"> The other party's fax machine is busy or has run out of recording paper. Try again.
“OPEN CABINET CHECK FILM SLACK” “OPEN CABINET CHECK FILM TYPE”	<ul style="list-style-type: none"> Please use genuine Panasonic replacement film (page 7). The ink film is empty. Replace the ink film with a new one (page 9). The ink film is not installed. Install it (page 9). The ink film is slack or creased. Tighten it (see step 5 on page 10). The fax machine is positioned near appliances such as TVs or speakers which generate an intense magnetic field.

Display	Cause & Solution
“PAPER JAMMED”	<ul style="list-style-type: none"> • A recording paper jam occurred. Remove the jammed paper (page 45). • You forced the recording paper into the paper tray too strongly. Remove all of the installed paper, and re-install it gently.
“PHONEBOOK FULL”	<ul style="list-style-type: none"> • There is no space to store new items in the phonebook. Erase unnecessary items (page 16).
“PLEASE WAIT”	<ul style="list-style-type: none"> • The unit is checking that there is no slack or crease in the ink film. Wait for a moment while the check is completed.
“POLLING ERROR”	<ul style="list-style-type: none"> • The other party’s fax machine does not offer the polling function. Check with the other party.
“REDIAL TIME OUT”	<ul style="list-style-type: none"> • The other party’s fax machine is busy or has run out of recording paper. Try again.
“REMOVE DOCUMENT”	<ul style="list-style-type: none"> • The document is jammed. Remove the jammed document (page 46). • Press [STOP] to eject the jammed paper.
“TRANSMIT ERROR”	<ul style="list-style-type: none"> • A transmission error occurred. Try again. • If you are sending a fax overseas, try the following: <ul style="list-style-type: none"> – Use the overseas transmission mode (feature #23 on page 31). – Add 2 pauses at the end of the telephone number or dial manually.
“UNIT OVERHEATED”	<ul style="list-style-type: none"> • The unit is too hot. Stop using the unit for a while and let the unit cool down.

8.3 When a function does not work, check here

8.3.1 Initial settings

Problem	Cause & Solution
I cannot hear a dial tone.	<ul style="list-style-type: none"> • The telephone line cord is connected to the [EXT] jack on the unit. Connect to the [LINE] jack (page 13). • If you used a splitter/coupler to connect the unit, remove the splitter/coupler and connect the unit to the wall jack directly. If the unit operates properly, check the splitter/coupler. • Disconnect the unit from the telephone line and connect a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your telephone company. • The power cord or telephone line cord is not connected. Check the connections. • If you have connected the fax machine through a computer modem, connect the fax machine directly to a telephone line jack.
I cannot make calls.	<ul style="list-style-type: none"> • The dialling mode setting may be wrong. Change the setting (feature #13 on page 13).
The unit does not work.	<ul style="list-style-type: none"> • Check the connections (page 13).
The unit does not ring.	<ul style="list-style-type: none"> • The ringer volume is turned OFF. Adjust it (page 14).

8.3.2 General

Problem	Cause & Solution
The unit displays “PAPER JAMMED” even though paper is installed.	<ul style="list-style-type: none"> • You forced the recording paper into the paper tray too strongly. Remove all of the installed paper, and re-install it gently.

Problem	Cause & Solution
The unit displays “CHECK PAPER” even though paper is inserted.	<ul style="list-style-type: none"> The paper is inserted halfway. Insert it correctly (page 46) and press [SET] to clear the message.
The other party complains they only hear a fax tone and cannot talk.	<ul style="list-style-type: none"> FAX ONLY mode is set. Tell the other party the number is only used for faxes. Change the receiving mode to TEL mode (page 24) or TEL/FAX mode (page 24).
[REDIAL] or [PAUSE] does not function properly.	<ul style="list-style-type: none"> If this button is pressed during dialling, a pause will be inserted. If pressed immediately after a dial tone is obtained, the last number dialled will be redialled.
The ink film runs out quickly.	<ul style="list-style-type: none"> Even if there are only a few sentences, every page that comes out of the machine is considered a full page. Turn OFF the following features: <ul style="list-style-type: none"> – sending report: feature #04 on page 30. – journal report: feature #22 on page 31. – Caller ID list: feature #26 on page 31.
During programming, I cannot enter the code or ID number.	<ul style="list-style-type: none"> All or part of the numbers are the same as another code or ID. Change the number: <ul style="list-style-type: none"> – fax activation code: feature #41 on page 32. – auto disconnection: feature #49 on page 33.
The unit beeps.	<ul style="list-style-type: none"> The memory reception alert of feature #44 is ON (page 33), and the unit has a document in memory. Press [STOP] to stop the beeps, then see the displayed message instructions to solve the problem.
The unit does not display the caller’s name and/or telephone number.	<ul style="list-style-type: none"> You need to subscribe to a Caller ID service. Other telephone equipment may be interfering with your phone. Disconnect it and try again. Other electrical appliances connected to the same outlet may be interfering with the Caller ID information. Telephone line noise may be affecting the Caller ID information. The caller requested not to send his/her information (page 17).
The display exits the Caller ID list while viewing caller information.	<ul style="list-style-type: none"> Do not pause for over 3 minutes while viewing.

8.3.3 Fax – sending

Problem	Cause & Solution
I cannot send documents.	<ul style="list-style-type: none"> The telephone line cord is connected to the [EXT] jack on the unit. Connect to the [LINE] jack (page 13). The other party’s fax machine is busy or has run out of recording paper. Try again. The other party’s machine is not a fax machine. Check with the other party. The other party’s fax machine failed to answer the fax automatically. Send the fax manually (page 20). The memory is full of received documents and the quick scan (feature #34 on page 32) is ON. Turn this feature OFF, and send the fax again.
I cannot send a fax overseas.	<ul style="list-style-type: none"> Use the overseas transmission mode (feature #23 on page 31). Add two pauses at the end of the telephone number or dial manually.

Problem	Cause & Solution
The other party complains that letters on their received document are distorted or not clear.	<ul style="list-style-type: none"> • If your line has special telephone services such as call waiting, the service may have been activated during fax transmission. Connect the unit to a line that does not have these services. • An extension telephone on the same line is occupying the line. Hang up the extension telephone and try again. • Try copying the document with this unit. If the copied image is clear, there may be something wrong with the other party's machine. • Adjust the scan contrast using feature #58 (page 33).
The other party complains that black lines, white lines or smudges appear on their received document.	<ul style="list-style-type: none"> • The scanner glass or rollers are dirty with correction fluid, etc. Clean them (page 47). Please do not insert a document before correction fluid has dried completely.
Documents frequently misfeed.	<ul style="list-style-type: none"> • Clean the document feeder rollers and rubber flap (page 47).

8.3.4 Fax – receiving

Problem	Cause & Solution
I cannot receive documents.	<ul style="list-style-type: none"> • The telephone line cord is connected to the [EXT] jack on the unit. Connect to the [LINE] jack (page 13). • The ink film is empty. Replace the ink film with a new one (page 9).
I cannot receive documents automatically.	<ul style="list-style-type: none"> • The receiving mode is set to TEL mode. Change the receiving mode to FAX ONLY mode (page 25) or TEL/FAX mode (page 24). • The time taken to answer the call is too long. Decrease the number of rings in feature #06 (page 30) and #78 (page 34).
The display shows "CONNECTING", but faxes are not received.	<ul style="list-style-type: none"> • The receiving mode is set to FAX ONLY mode and the incoming call is not a fax. Change the receiving mode to TEL mode (page 24) or TEL/FAX mode (page 24).
A blank sheet is ejected.	<ul style="list-style-type: none"> • If a blank sheet is ejected after the received document is printed out, the size of the document sent by the other party is as large as, or larger than, the recording paper, and the receiving reduction rate is not programmed correctly. Program the proper rate in feature #36 (page 32). • The other party placed the document in their fax machine facing the wrong way. Check with the other party.
The printing quality is poor.	<p>Please do not reuse the ink film! Please use genuine Panasonic replacement film. Refer to page 7 for further details.</p> <ul style="list-style-type: none"> • The thermal head is dirty. Clean it (page 48). • If documents can be copied properly, the unit is working normally. The other party may have sent a faint document or there may be something wrong with the other party's machine. Ask them to send a clearer copy of the document or to check their fax machine. • Some paper has instructions recommending which side to print on. Try turning the recording paper over. • You may have used paper with a cotton and/or fibre content that is over 20%, such as letterhead or resume paper.
Letters on the received document are distorted.	<ul style="list-style-type: none"> • If your line has special telephone services such as call waiting, the service may have been activated during fax reception. Connect the unit to a line that does not have these services.

Problem	Cause & Solution
I cannot receive documents by pressing [*][#][9] on an extension telephone.	<ul style="list-style-type: none"> You must set remote fax activation to ON (feature #41 on page 32) beforehand. You may have changed the remote fax activation code from [*][#][9] (default setting). Verify the remote fax activation code (feature #41 on page 32). The memory is full of received documents due to a lack of recording paper, a lack of ink film or a recording paper jam. Install paper (page 12), install ink film (page 9) or remove the jammed paper (page 45).
The other party complains that they cannot send a document.	<ul style="list-style-type: none"> The receiving mode is set to TEL mode. Receive the document manually (page 24) or change the receiving mode to FAX ONLY mode (page 25) or TEL/FAX mode (page 24). The memory is full of received documents due to a lack of recording paper, a lack of ink film or a recording paper jam. Install paper (page 12), install ink film (page 9) or remove the jammed paper (page 45).
I cannot select the desired receiving mode.	<ul style="list-style-type: none"> Change the receiving mode while the unit is idle. <ul style="list-style-type: none"> If you want to set FAX ONLY mode, press [AUTO ANSWER] repeatedly until "FAX ONLY MODE" is displayed. If you want to set TEL or TEL/FAX mode, set the desired mode using feature #73 (page 34), and press [AUTO ANSWER] repeatedly to select the desired mode.

8.3.5 Copying

Problem	Cause & Solution
The unit will not make a copy.	<ul style="list-style-type: none"> The ink film is empty. Replace the ink film with a new one (page 9). You cannot make a copy during programming. You cannot make a copy during a telephone conversation.
A black line, white line or smudge appears on the copied document.	<ul style="list-style-type: none"> The scanner glass or rollers are dirty with correction fluid, etc. Clean them (page 47). Please do not insert a document before correction fluid has dried completely.
The copied image is distorted.	<ul style="list-style-type: none"> Adjust the width of the document guides to fit the actual size of the document.
<p>The printing quality is poor.</p> <p>Original</p>  <p>Copy</p> 	<p>Please do not reuse the ink film! Please use genuine Panasonic replacement film. Refer to page 7 for further details.</p> <ul style="list-style-type: none"> The thermal head is dirty. Clean it (page 48). Some paper has instructions recommending which side to print on. Try turning the recording paper over. You may have used paper with a cotton and/or fibre content that is over 20%, such as letterhead or resume paper. The recording paper is too damp. Use new paper.
Documents frequently misfeed.	<ul style="list-style-type: none"> Clean the document feeder rollers and rubber flap (page 47).

8.3.6 Using an answering machine

Problem	Cause & Solution
I cannot receive documents automatically.	<ul style="list-style-type: none">• Your greeting message on the answering machine is too long. Shorten the message. Record a message up to 10 seconds long.• The answering machine rings too many times. Set to 1 or 2 rings.
I cannot receive voice messages.	<ul style="list-style-type: none">• Check if the answering machine is turned ON and connected to the unit properly (page 25).• Set the number of rings on the answering machine to 1 or 2.
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 telephone companies. Change the code on the answering machine to another number which does not include “#”.
Callers complain that they cannot send a document.	<ul style="list-style-type: none">• There is no room left in memory of your answering machine to record voice messages. See the operating instructions of the answering machine and erase unnecessary messages.• You set the answering machine to only give a greeting message.

8.3.7 If a power failure occurs

- The unit will not function.
- The unit is not designed for making emergency telephone calls when the power fails. Alternative arrangements should be made for access to emergency services.
- Fax transmission and reception will be interrupted.
- If delayed transmission (feature #25 on page 31) is programmed and a power failure prevents the document from being sent at the set time, the document will be sent after power is restored.
- If any documents are stored in the memory (i.e. during copy, fax transmission or fax reception, faxes received in memory), they will be lost.
- When power is restored, a power down report will be printed out stating which fax items in the memory have been erased.



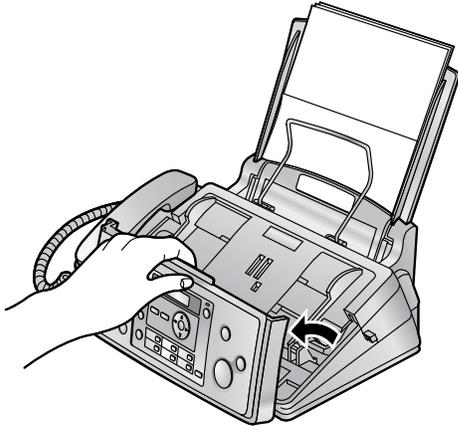
9.1 Recording paper jams

9.1.1 When the recording paper has jammed in the unit

The display will show the following.

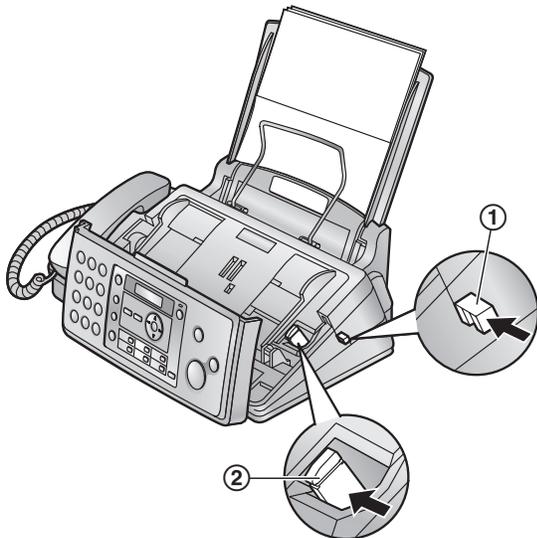
PAPER JAMMED

- 1 Open the front cover by pulling up the centre part.

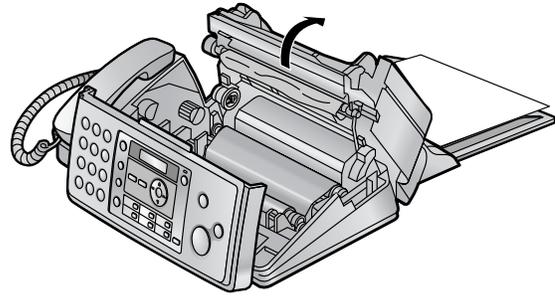


- 2 Release the back cover by pushing the green button (1).

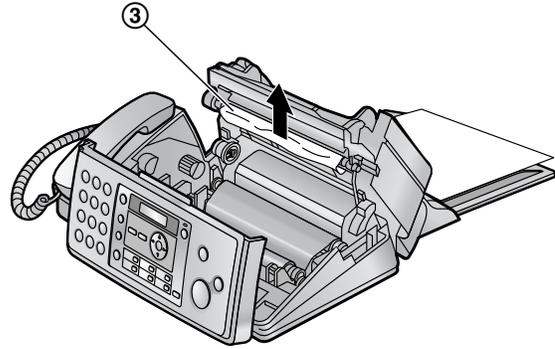
- You can also release the back cover by pushing in the green lever (2).



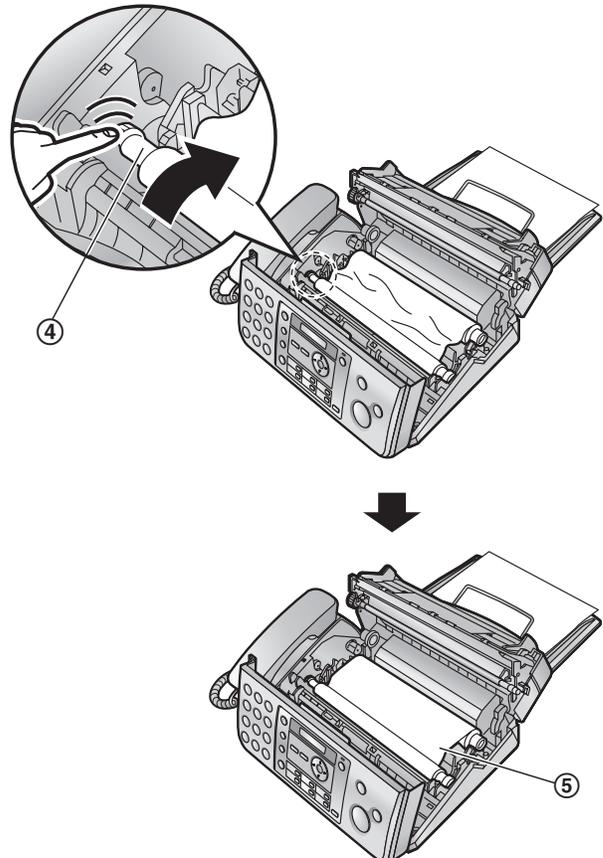
- 3 Open the back cover.



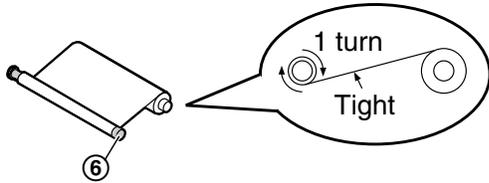
- 4 Remove the jammed recording paper (3).



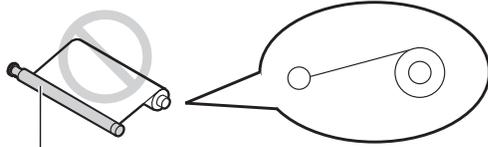
- 5 Turn the blue gear (4) in the direction of the arrow until the ink film is tight (5) and at least one layer of ink film is wrapped around the blue core (6).



Correct



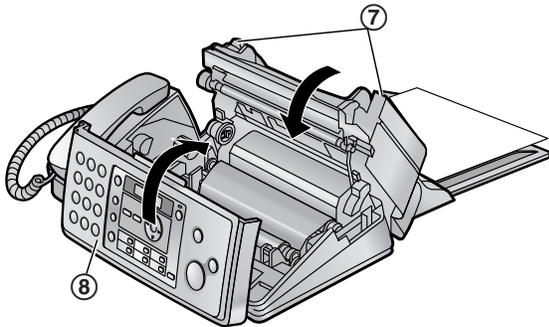
Incorrect



No ink film is wrapped around the blue core.



- 6 Close the back cover securely by pushing down on the dotted area at both ends (7), then close the front cover securely (8).

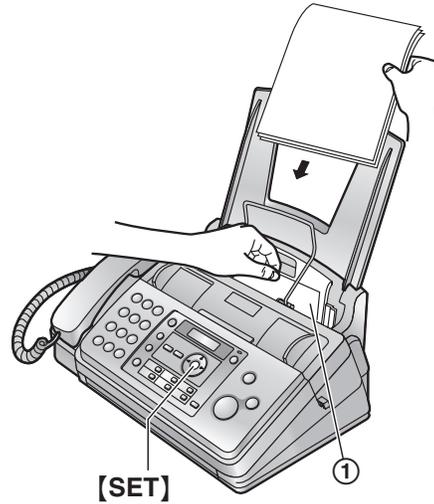


9.1.2 When the recording paper was not fed into the unit properly

The display will show the following.

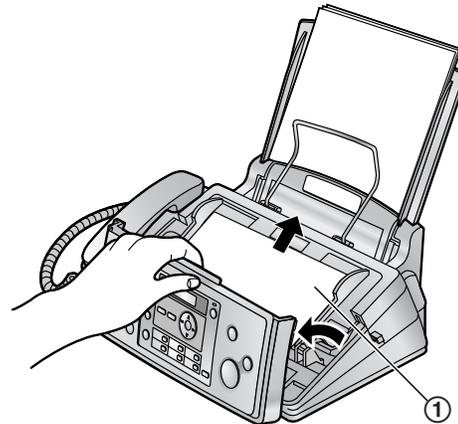
CHECK PAPER

Remove the recording paper and straighten. Pull the tension plate (1) forward and hold open while inserting paper, then press **[SET]** to clear the message.



9.2 Document jams

- 1 Open the front cover by pulling up the centre part. Remove the jammed document carefully (1).



- 2 Close the front cover securely.

Note:

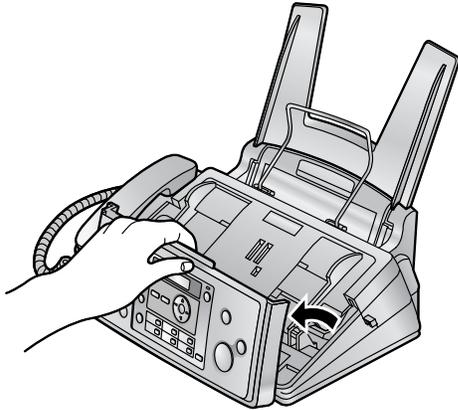
- Do not pull out the jammed paper forcibly before opening the front cover.

9.3 Document feeder/scanner glass cleaning

Clean the document feeder/scanner glass when:

- Documents frequently misfeed.
- Smudges or black/white lines appear on the original document when sending or copying.

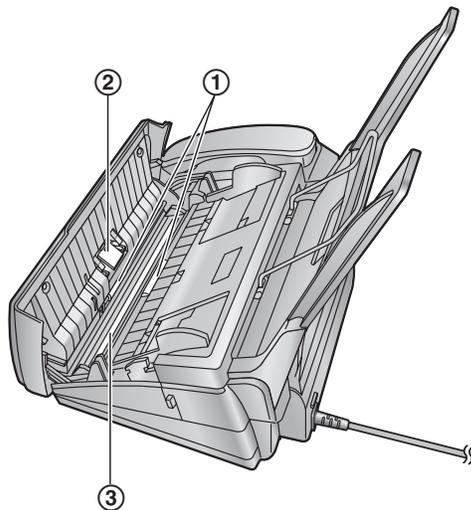
- 1 Disconnect the power cord and the telephone line cord.
- 2 Open the front cover by pulling up the centre part.



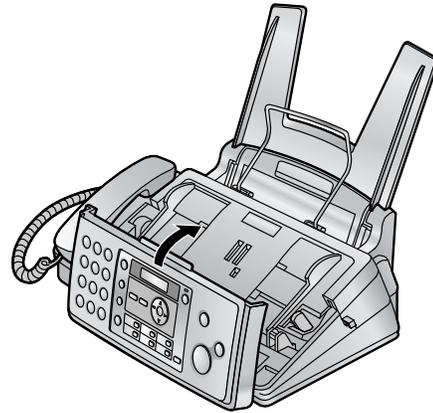
- 3 Clean the document feeder rollers (①) and rubber flap (②) with a cloth moistened with isopropyl rubbing alcohol, and let all parts dry thoroughly. Clean the scanner glass (③) with a soft, dry cloth.

Caution:

- Do not use paper products, such as paper towels or tissues.



- 4 Close the front cover securely.

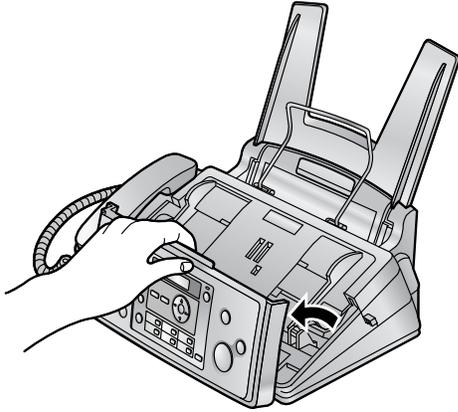


- 5 Insert the recording paper gently (page 12).
- 6 Connect the power cord and the telephone line cord.

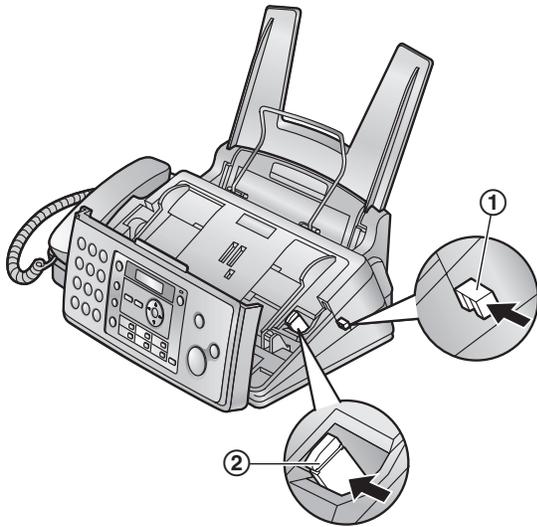
9.4 Thermal head cleaning

If smudges or black/white lines appear on a copied/received document, check whether there is dust on the thermal head. Clean the thermal head to remove the dust.

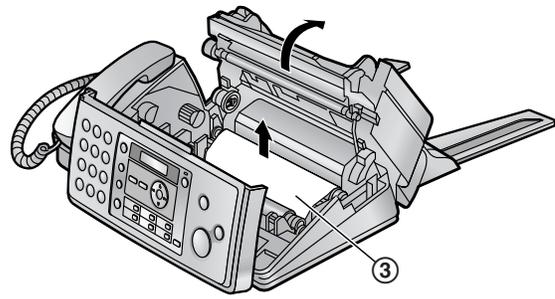
- 1 Disconnect the power cord and the telephone line cord.
- 2 Open the front cover by pulling up the centre part.



- 3 Release the back cover by pushing the green button (①).
 - You can also release the back cover by pushing in the green lever (②).



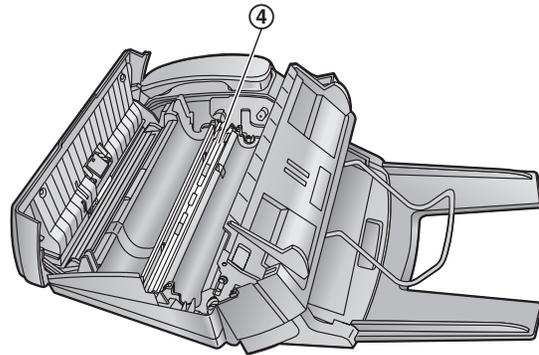
- 4 Open the back cover. Remove the ink film (③).



- 5 Clean the thermal head (④) with a cloth moistened with isopropyl rubbing alcohol, and let it dry thoroughly.

Caution:

- To prevent a malfunction due to static electricity, do not use a dry cloth and do not touch the thermal head directly.



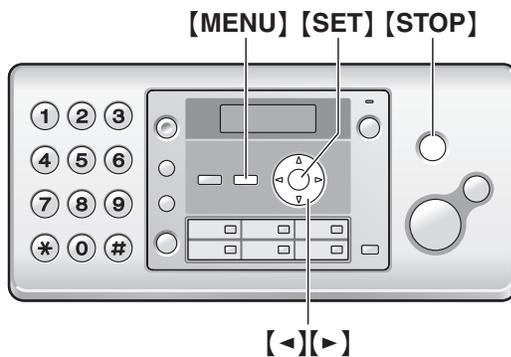
- 6 Re-install the ink film and close the covers (see step 4 to 7 on page 10).
- 7 Insert the recording paper gently (page 12).
- 8 Connect the power cord and the telephone line cord.



10.1 Reference lists and reports

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

- "SETUP LIST"
- "TEL NO. LIST"
- "JOURNAL REPORT"
- "BROADCAST LIST"
- "PRINTER TEST"
 - If the test print has smudges, blurred points or lines, clean the thermal head (page 48).
- "CALLER ID LIST"



- 1 Press **[MENU]** repeatedly to display "PRINT REPORT".
- 2 Press **[◀]** or **[▶]** repeatedly to display the desired item. → **[SET]**
 - To stop printing, press **[STOP]**.
- 3 Press **[MENU]** to exit.



10.2 Specifications

- **Applicable lines:**
Public Switched Telephone Network
- **Document size:**
Max. 216 mm in width, Max. 600 mm in length
- **Effective scanning width:**
208 mm
- **Effective printing width:**
202 mm
- **Transmission speed*¹:**
Approx. 12 s/page (ECM-MMR)*²
- **Scanning density:**
Horizontal: 8 pels/mm
Vertical: 3.85 lines/mm (standard resolution)
7.7 lines/mm (fine/photo resolution)
15.4 lines/mm (super fine resolution)
- **Photo resolution:**
64 levels
- **Scanner type:**
Contact Image Sensor
- **Printer type:**
Thermal Transfer on plain paper
- **Data compression system:**
Modified Huffman (MH), Modified READ (MR), Modified Modified READ (MMR)
- **Modem speed:**
9,600 / 7,200 / 4,800 / 2,400 bps; Automatic Fallback
- **Operating environment:**
5 °C – 35 °C, 20 % – 80 % RH (Relative Humidity)
- **Dimensions:**
Approx. height 185 mm × width 355 mm × depth 272 mm
- **Mass (Weight):**
Approx. 3.5 kg
- **Power consumption:**
Standby: Approx. 1.5 W
Transmission: Approx. 12 W
Reception: Approx. 30 W (When receiving a 20 % black document)
Copy: Approx. 40 W (When copying a 20 % black document)
Maximum: Approx. 135 W (When copying a 100 % black document)
- **Power supply:**
220–240 V AC, 50/60 Hz
- **Fax memory capacity*³:**
Transmission: Approx. 25 pages
Reception: Approx. 28 pages
(Based on the ITU-T No. 1 Test Chart in standard resolution, without using the Error Correction Mode.)

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