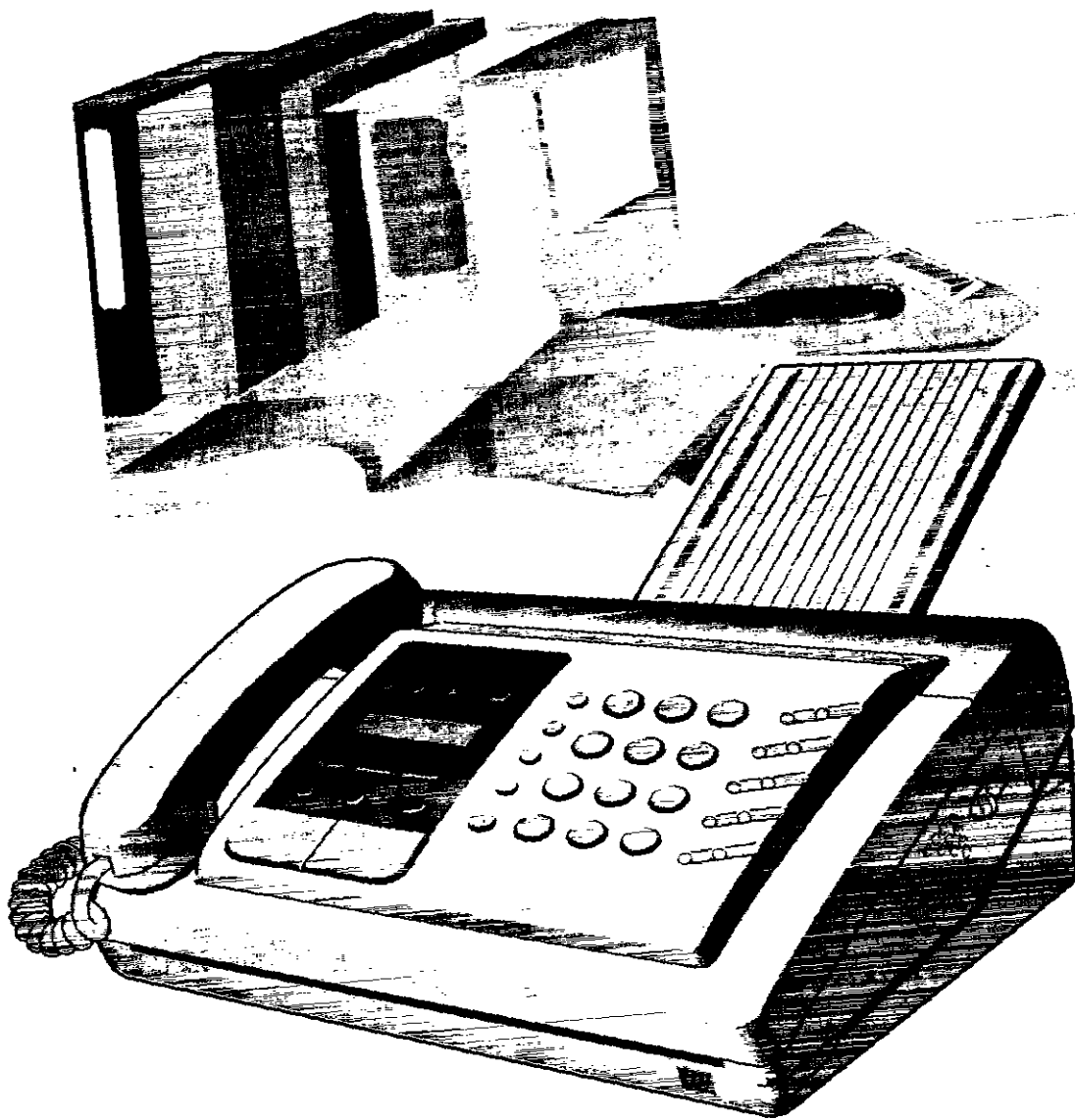


Panasonic®

Facsimile

Panafax® UF-S10

User's Guide



English

UF-S10 FEATURES



Sending Faxes

- Sending a fax directly** : See "Manual Number Dialing" on page 31.
- Sending a fax after ending a call** : See "Direct Dialing" on page 31.
- Sending a finely detailed document** : See "Resolution/Halftone" on page 30.
- Placing your name on the document automatically** : See "Setting Your NAME" on page 16.



Receiving Faxes and Calls

- Setting to receive a call or fax automatically** : See "Fax/Tel Auto Switching Mode" on page 41.
- Setting to receive a fax only** : See "Fax Mode" on page 42.
- Receiving a fax from specified parties only** : See "Selective Reception" on page 60.



Using the Answering Device

Using the apparatus as an answering phone

: See "Setting Built-in TAM" on page 50.

Transmitting a received message to another party

: See "Voice Message Transfer" on page 76.

Checking your messages by calling from an outside phone

: See "Remote Function" on page 78.

Other Features

Making Copy

: See "Making Copies" on page 52.

Connecting another phone

: See "External Telephone (optional)" on page 13.

Sending a fax at a preset time automatically

: See "Deferred Transmission" on page 53.

Changing the reception mode automatically

: See "Reception Mode Switching Timer" on page 56.

Retrieving a fax from an unmanned remote apparatus

: See "Polling" on page 55.

About Display, Buttons and other icons in the User's Guide.

POLLING RCV ?

Display the LCD of the target function.



Set the document face down.



Lift up the handset.



Replace the handset,



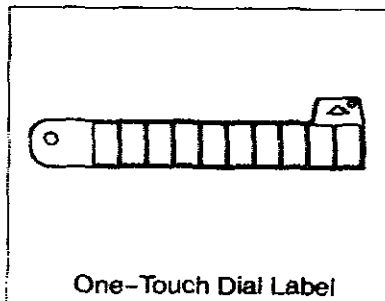
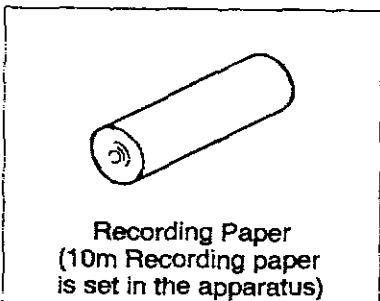
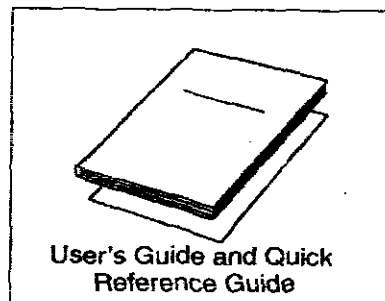
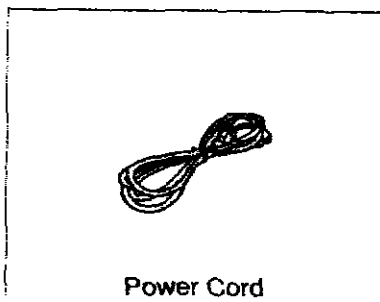
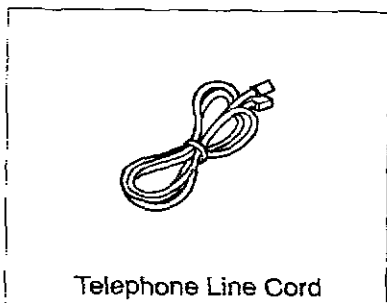
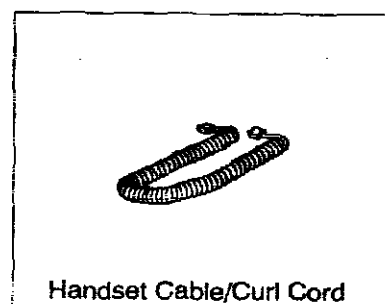
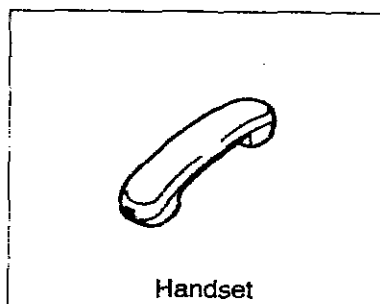
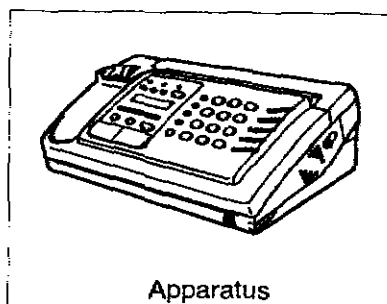
Press the button to light the lamp.



Press the button to turn the lamp out.

► Main Apparatus and Accessories

Unpack the carton and check that you have all the accessories illustrated.



Supplies:

Order No.	Picture	Description
THM-331E (A4 Size)		Thermal Recording Paper (30m)

Please contact your local Panasonic dealer for availability.

! **Note:** If you purchase recording paper other than above, such as end edge of paper might be glued to the core or others, it may cause printing problem or paper jam.

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UF-S10 FEATURES

Main Apparatus and Accessories

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Safety Information

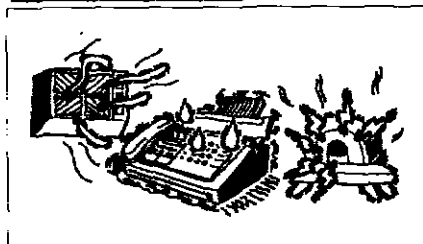
⚠ WARNING denotes a potential hazard that could result in serious injury.

- TO PREVENT FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR ANY TYPE OF MOISTURE.
- TO MINIMIZE THE POSSIBILITY OF SHOCK OR DAMAGE TO THE APPARATUS, IT MUST BE EARTHED.
- WHEN YOU OPERATE THIS APPARATUS, THE MAINS SOCKET-OUTLET SHOULD BE NEAR THE APPARATUS AND BE EASILY ACCESSIBLE.
- WHEN YOU KNOW THAT A THUNDERSTORM IS COMING, WE RECOMMEND THAT YOU:
 - (1) Unplug the telephone line cord from the telephone jack on the wall.
 - (2) Unplug the power supply cord from the AC outlet.

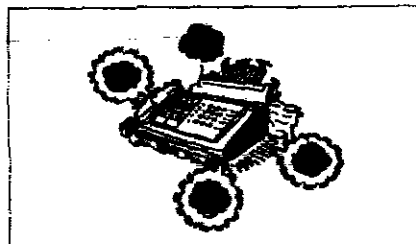
Note1: Whenever you disconnect the telephone line, unplug at wall side first.

Note2: To minimize the possibility of lightning damage, a surge protector is built into your apparatus. Sometimes, though, this is not enough to protect the apparatus completely when a lightning surge comes through the telephone line or AC power supply.

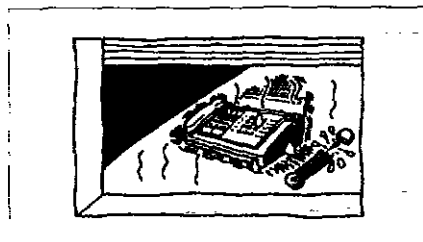
⚠ CAUTION denotes hazards that could result in minor injury or damage to the apparatus.



Do not install the apparatus near heating or air conditioning apparatus.



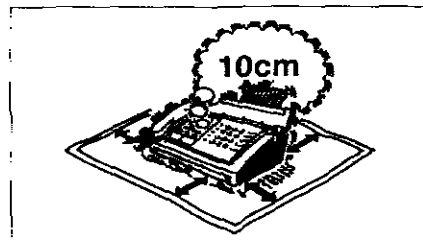
Do not block the ventilation openings.



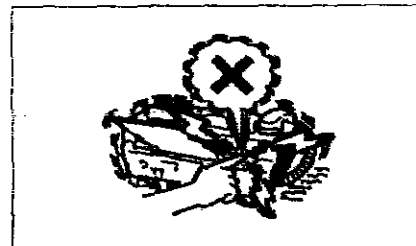
Avoid exposure to direct sunlight.



Do not place heavy objects, or spill liquids on the apparatus.



Install the apparatus on a flat surface, leave at least 10cm of space between the apparatus and other objects.



Do not touch the cutter area.

This product complies with the requirements of EC council Directives 73/23 EEC amended by 93/68/EEC, and 89/336 EEC amended by 92/31 EEC and 93/68 EEC.



Safety Information

⚠ WARNING

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

A 5 amp fuse is fitted in this plug.

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

Check for the ASTA mark  or the BSI mark  on the body of the fuse.

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

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

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

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR YOUR SOCKET OUTLETS THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRIC SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

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


If in any doubt please consult a qualified electrician.

WARNING: THIS APPARATUS MUST BE EARTHED.

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

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

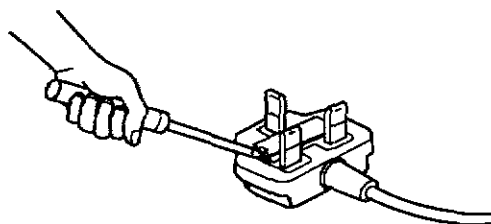
As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.

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

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

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

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

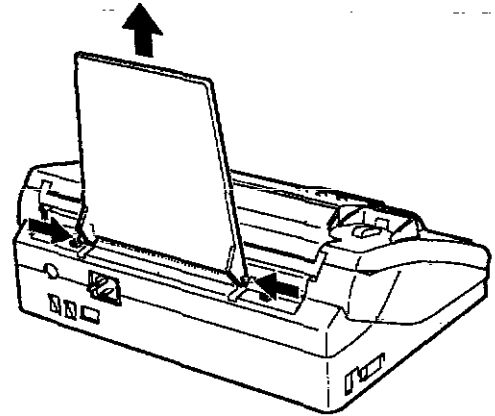
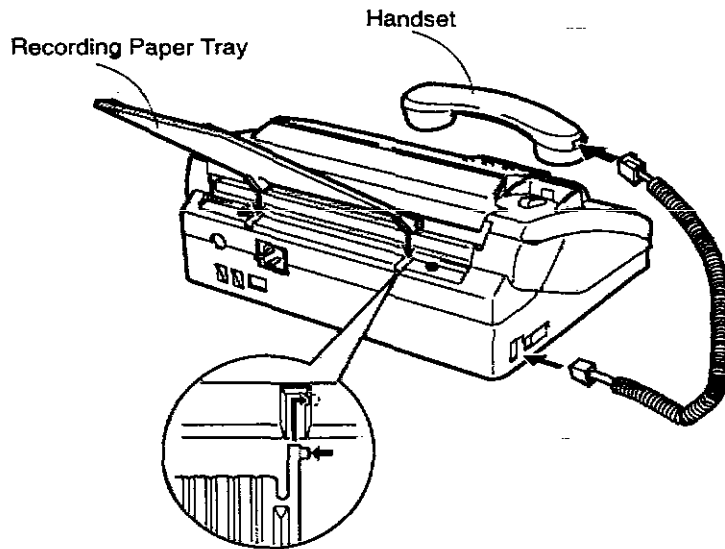




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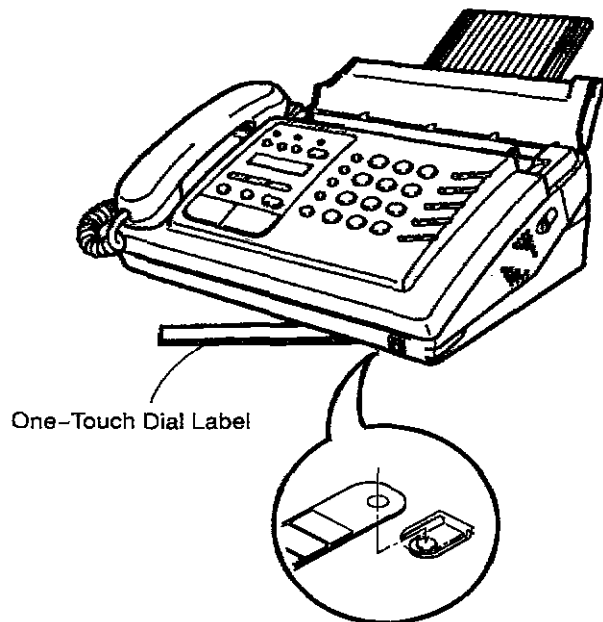
Installing Accessories and External View ◀

Installing Handset/Recording Paper Tray and removing Recording Paper Tray.

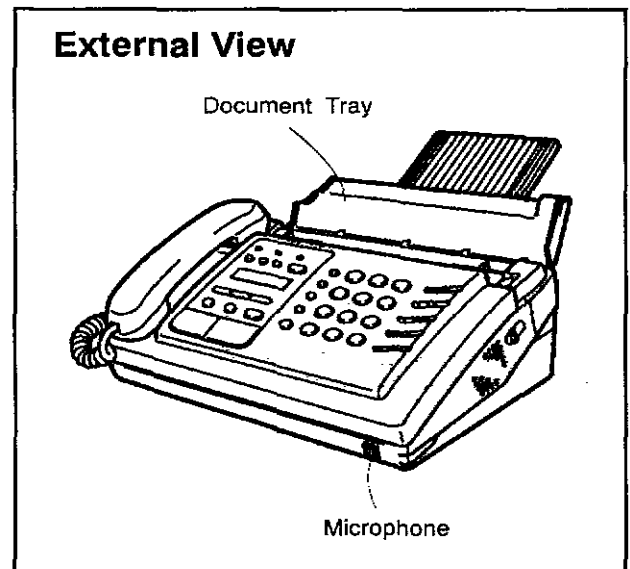


GETTING TO KNOW YOUR APPARATUS

Installing One-Touch Dial Label



External View



Control Panel

ERASE ○	Used to erase recorded incoming message and memo message.
MEMO 2WAY REC ○	Used to record a memo message or a telephone conversation.
PLAY▶ ○	Used to play back Incoming message.
⏮ SKIP ⏭ ○ ○	Used to skip forward or backward to the intended message.
OUT ○	Lights when set to OUT (Unattended) reception mode.

○ ON LINE	Lights when the apparatus is transmitting or receiving a document.
○ ALARM	The indicator lights when trouble occurs.
○ MEMORY	Lights when memory is used.

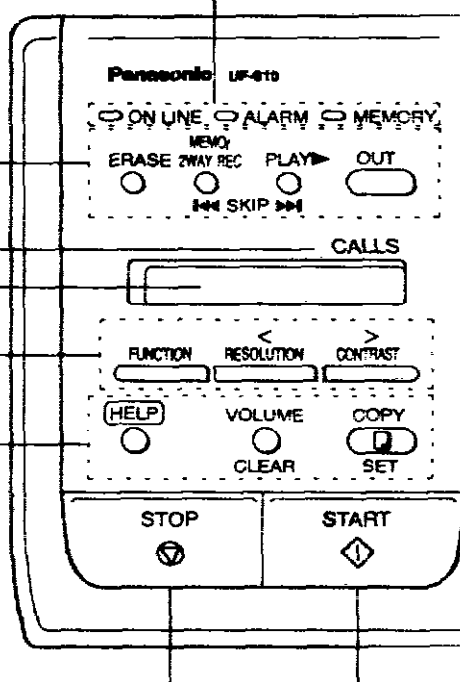
CALLS
Displays the number of calls in the OUT (Unattended) and MEMO modes.

LCD Display
Indicates date and time, or the current operation.

FUNCTION —	Used to start or select a function. These functions are explained in detail.
< RESOLUTION —	Used to set Standard, Fine, Super-Fine and Halftone. (see page 30) Also serves as an arrow button < to move the cursor over registered numbers and characters.
> CONTRAST —	Used to set Normal, Darker or Lighter. (see page 30) Also serves as an arrow button > to move the cursor over registered numbers and characters.

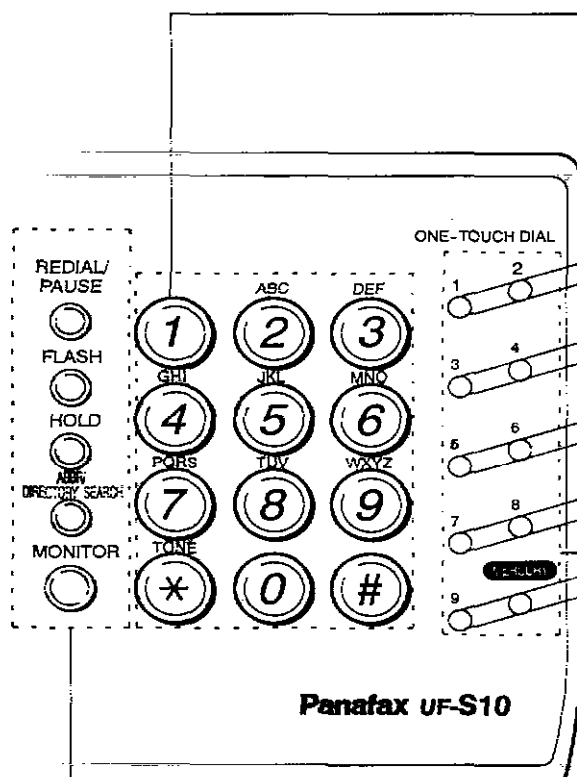
HELP ○	Used to print a simple operating guide.
VOLUME ○ CLEAR	Used to adjust monitor volume, Ringer Volume, Melody Volume and Message Volume, or erase the previously entered input.
COPY ○ SET	Used to make photocopies. (see page 52) Used to set operations.

STOP ⏹	Used to cancel operations. When it is pressed, the apparatus will return to standby.
START ⏵	Used to start operations.



Control Panel

GETTING TO KNOW YOUR APPARATUS



	Used for Manual Number Dialing, registering telephone numbers and entering characters for station name.
	Used to temporarily change Dialing Mode to Tone when Pulse mode is set.

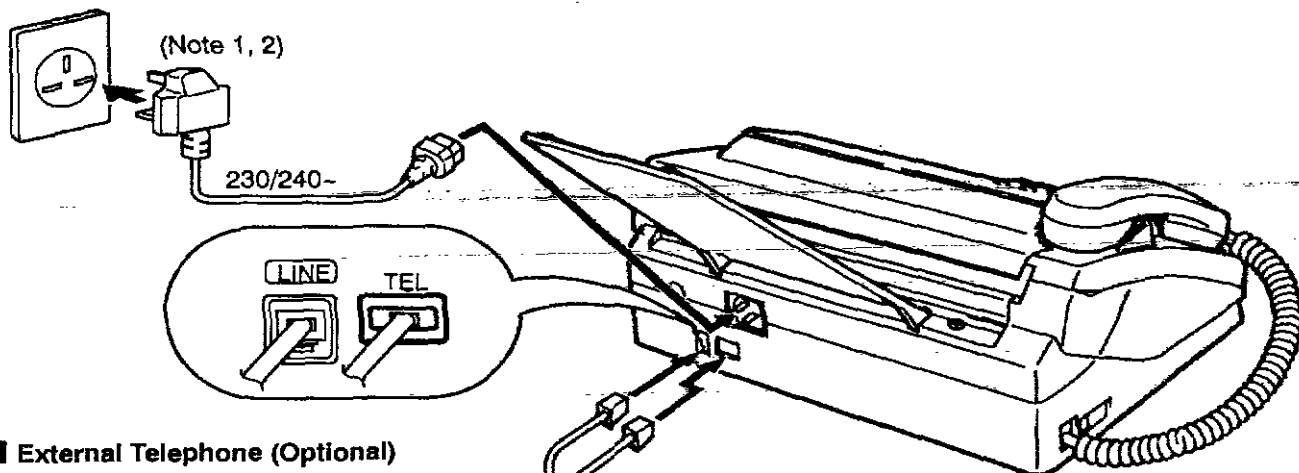
ONE-TOUCH DIAL Used for One-Touch Dialing. (see page 32)
MERCURY button Used for MERCURY Network Dialling (see page 23)

REDIAL/PAUSE 	Used to enter a pause when registering or dialing a telephone number, or to redialing the last dialed number.
FLASH 	Used to access some features of your PBX.
HOLD 	Used to hold the telephone line.
ABB. DIRECTORY SEARCH 	Used to start Abbreviated Dialing and to search for a station name. (see page 32, 33)
MONITOR 	Used for Monitor, reserving Voice Contact when FAX is on line and to enter a space when registering a telephone number.

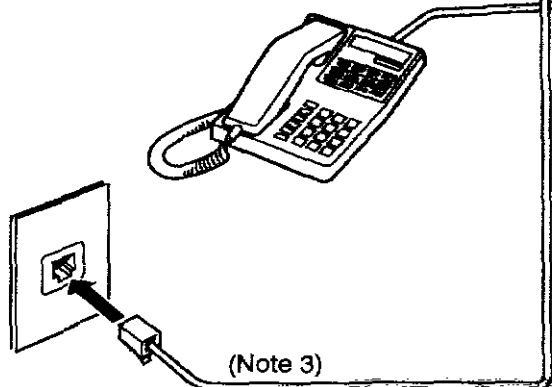
▶ Connecting the Telephone Line Cord and Power Cord

■ Power Cord (Attachment)

Plug one end of the power cord into an ordinary AC mains outlet and the other end into the inlet on the rear of the apparatus.



■ External Telephone (Optional)



■ Telephone Line Cord (Attachment)

Plug one end of the telephone line cord into the telephone jack supplied by the telephone company and the other end into the LINE jack on the rear of the apparatus.



Note: 1. Your apparatus uses little power and you should keep it "ON" at all times.

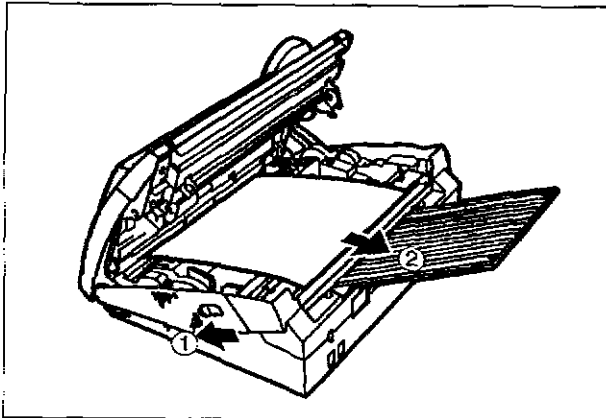
2. This apparatus must be properly earthed through an ordinary 13A AC mains plug and socket. If a 13A socket is not provided a qualified electrician should be consulted to ensure suitable connection and earthing is provided.

3. The telephone line is supplied at Telecommunication Network Voltage (TNV).

Removing Protective Sheets/Installing/Replacing Recording Paper

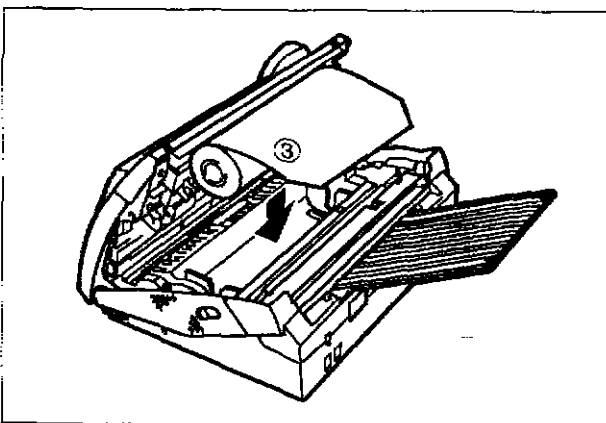
When you use for the first time, please remove the Protective Sheet in the apparatus.

1



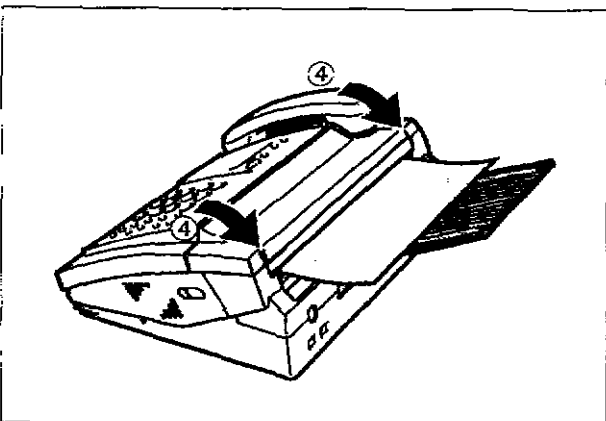
- ① Open the Panel Cover by pulling lever towards you.
- ② Remove the Protective Sheet.

2



- ③ Install the recording paper in the apparatus as shown. The paper MUST feed from the top of the roll.

3



- ④ Close the Panel Cover.
- ⑤ Push down on each end (■ area) firmly until you hear the click sound. The recording paper will automatically feed through the apparatus and cut. (see Note 2)



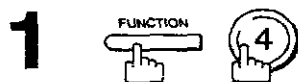
Note: 1. Don't touch the surface of the thermal head which may cause deterioration of the printing quality.
2. If the ALARM lamp is illuminated, you cannot copy. Push down on each end (■ area) firmly until you hear the click sound.

► User Parameters

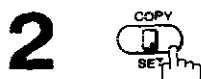
Setting the Date and Time

Your facsimile apparatus has several basic settings. For example, the built-in clock keeps the current date and time, your NAME and ID Number help to identify you when you send or receive documents.

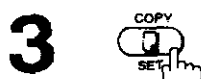
At standby the display will show the date and time. Once the standby display is set, the date and time is automatically updated.



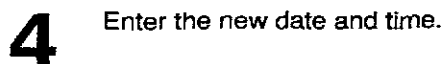
BASIC SETTING ?



DATE & TIME ?





01-01-'00 00:00

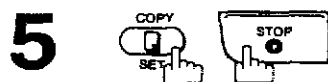


Ex:


1	2	Date : 12th
0	3	Month: March
9	7	Year : 97
1	5	Time : 15:00
0	0	

12-03-'97 15:00

If you make a mistake, use the  and  to move the cursor to the incorrect number and enter the new number over it.



12-MAR 15:00

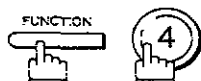
 **Note:** If a power failure occurs, a built-in battery will back up this information for up to 12 hours when it is fully charged.

Setting Your NAME

When you send a document, your NAME can appear as a header on the top of the copy printed at the other station.

The NAME helps to identify you to someone who receives your document.

1



BASIC SETTING ?

2



NAME : ■

3

Enter your NAME (max.25 characters and digits) by using the dial keypad (see page 18).

Ex: P A N A S O N I C

NAME : PANASONIC ■

If you make a mistake, use and

to move the cursor to the incorrect character and enter the new character over it.

If more than 11 characters are entered, the characters on the left will be scrolled off from the display.

4

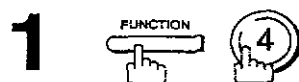


User Parameters

Setting Your ID Number (Fax Telephone Number)

If the remote apparatus does not have a Character ID but it has an ID Number, when sending or receiving, your ID Number will appear on the remote apparatus LCD display and their ID Number will appear on your LCD display.

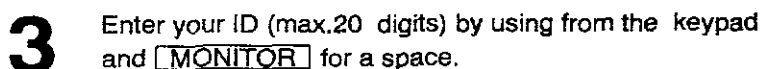
You should use your facsimile telephone number as your ID number up to 20 digits long.



BASIC SETTING ?



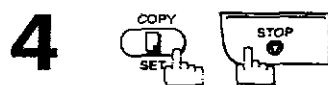
TEL: ■



Ex: **2 0 1 MONITOR 5 5 5**
MONITOR 1 2 1 2

TEL:01 555 1212■

If you make a mistake, press **VOLUME/CLEAR** to erase the number then reenter the correct number.
 If more than 11 characters are entered, the characters on the left will be scrolled off from the display.



! **Note:** You may use **#** to enter a "+" character at the beginning of the ID number to indicate the following digit(s) is for your country code.

Ex : +1 201 555 1212 +1 for U.S.A. country code.
 +81 3 111 2345 +81 for Japan country code.

Entering Characters

Enter characters using the ten buttons. Select the desired characters according to the following table.

■Character Table

Ten buttons	Character String										Ten buttons	Character String									
	1	2	3	4	5	6	7	8	9	10		1	2	3	4	5	6	7	8	9	10
[1]	1										[7]	P	Q	R	S	7					
[2]	A	B	C	2							[8]	T	U	V	8						
[3]	D	E	F	3							[9]	W	X	Y	Z	9					
[4]	G	H	I	4							[0]	+	-	/	&	()				0
[5]	J	K	L	5							[*]	*									
[6]	M	N	O	6							[#]	#									

INSTALLING YOUR APPARATUS

Special use of panel button

Panel button	Use
MONITOR	Enter a SPACE
>	Move the cursor to the right
<	Move the cursor to the left

■How to Enter Characters

Select the desired characters in the above table and press **COPY/SET**. This enters the selected characters.

Example: Entering "PANASONIC"

[7] **COPY/SET** :P
 [2] **COPY/SET** :A
 [6] [6] **COPY/SET** :N
 [2] **COPY/SET** :A
 [7] [7] [7] [7] **COPY/SET** :S
 [6] [6] [6] **COPY/SET** :O
 [6] [6] **COPY/SET** :N
 [4] [4] [4] **COPY/SET** :I
 [2] [2] [2] **COPY/SET** :C

► Managing Outgoing Messages (OGM)

To enhance the FAX/TEL Auto-switching mode function, your apparatus can provide the call with 2 separate voice announcements after answering the call.

When operating your apparatus with the built-in digital TAM, you can record a personal greeting message up to 30 seconds long.













The F/T FIRST OGM is a message (max. 4 sec) to the calling station while the apparatus is activating the internal bell.

The F/T LAST OGM is a closing message (max. 8 sec) before the apparatus enters the fax mode.

The TAM OGM is a greeting message (max. 30 sec) for the TAM.

You can record the FIRST, LAST and TAM OGM following the procedure described below.

To Record

- 1    TAM OGM ?
- 2   TAM OGM (Max. 30 sec)
 OR   F/T FIRST OGM (Max. 4 sec)
 OR   F/T LAST OGM (Max. 8 sec)
- 3  PRESS START
- 4  RECORDING 30S.
 After hearing a beep tone, start recording through the microphone from a distance of approximately 20 cm.
- 5  count down
 When finish recording, your apparatus plays the recorded OGM automatically.

Sample of greeting messages

Fax /Tel First OGM: Please hold while your call is being transferred.

Fax/Tel Last OGM : Sorry, there is no one here to answer your call.

To send a fax, please start your apparatus now.

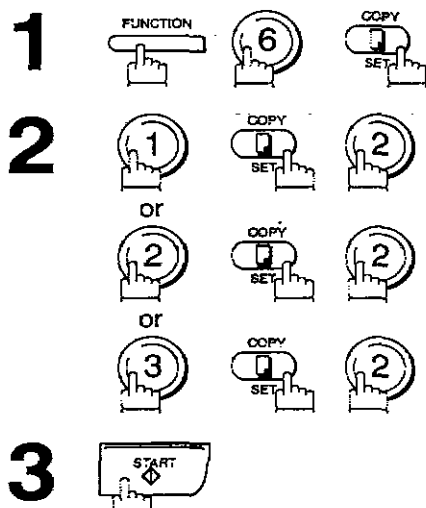
TAM OGM : Hello, this is Mr.Smith. I am unable to answer your call right now. Please leave your message after the beep. If you are calling to send a fax, press the asterisk button twice on your touch tone telephone now and start your apparatus. Thank you for your call.



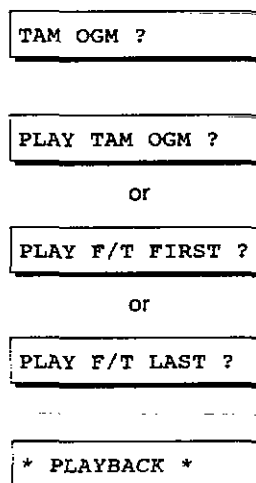
- Note:**
1. To change a OGM, you must delete the old OGM first and then record a new one.
 2. The greeting message can be changed from a remote touch tone telephone using the Remote Control function. (See page 79)
 3. Press STOP anytime to end OGM.

Managing Outgoing Messages (OGM) ◀

To Playback

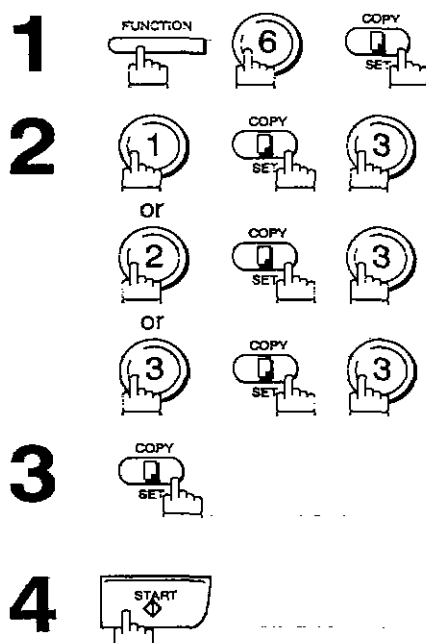


Your apparatus plays the recorded OGM. (see Note 1).

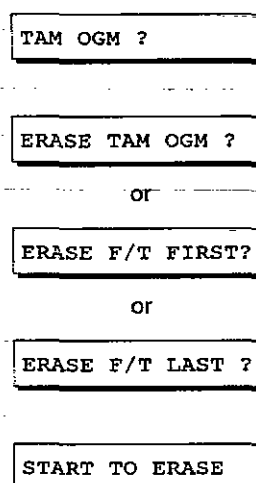


INSTALLING YOUR APPARATUS

To Erase



Your apparatus erases the recorded OGM.



! **Note:** 1. Unless OGM is recorded, apparatus will beep 3 times and return to step 3. Display shows "NOT RECORDED".

The MERCURY Residential 132 and Pin Code Service

Mercury's Residential Service is a highly competitive telephone service for the residential and small business user. Most UK long distance and international calls are cheaper over Mercury, especially in the Economy period. For customers who make a large number of long distance and international calls during the daytime, extra saving area available by joining the Mercury Frequent Caller Programme.

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

There are two ways to access Mercury, the Residential 132 and Pin Code Service. To find out the best method to suit your requirement, call Mercury Customer Assistance on Free Call 0500-500194 (24 hours). Most homes and businesses are now able to access the Mercury network via their existing British Telecom line. Mercury Customer Assistance will be able to check whether Mercury is available in your area.

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

For Residential 132 Service Customers

Once you have become a Mercury Residential 132 customer, you simply dial 132 before a long distance or international call to send it over the Mercury network. The Mercury button on your apparatus comes with the digits '132' pre-stored in it. To check that you have access to Mercury follow details as page 23 "Checking the Connection to Mercury Network".

For Pin Code Service Customers—Programming the Mercury Button with Your PIN Code

After you apply for Mercury's Pin Code Service, you will receive a Mercury PIN code in two separate parts. The PIN code, which is similar to a bank PIN number, identifies you as a Mercury customer and will need to be stored in your fax memory using the Mercury button. See page 22 "To enter 131 access and PIN code".

Cost Centre Codes

Cost Centre codes are selectable on your Mercury order form. By keying in a code number (either 2 or 3 digits) before dialling each and every Mercury call businesses can allocate calls to different jobs, or residential users can see who is responsible for each call.

Please note that Cost Centre codes are not currently available with Residential 132 Service (at time of going to press).

Deleting the Mercury PIN Code

If for any reason you have to return your apparatus for repair, you should delete the Mercury PIN code (see Note 2 in page 22).



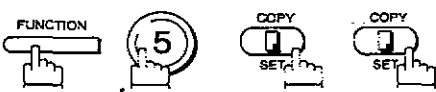
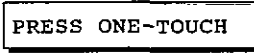


Note: To ensure the security of your Mercury PIN code it is essential that you do not disclose your personal 4-digit code to any unauthorised persons.

The MERCURY Residential 132 and Pin Code Service

Entering the Mercury Button

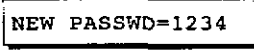


To enter 132 access code into the Mercury button, you do not need to do anything as the 132 access code is already programmed in the Mercury Button (see Note 1).

To enter 131 access and PIN code (Mercury Pin Code Service Customer Only)

- 1**


- 2**


- 3**

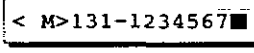

Enter a 4-digit password (Note 2).

Ex: 1 2 3 4 and SET


- 4**


- 5**

Enter 131, PAUSE and your PIN code (part 1 then part 2) over the number 132 (Note 3). (Max. 20 digits)

Ex: 1 3 1 PAUSE 1 2 3 4 5 6 7 8


- 6**


INSTALLING YOUR APPARATUS


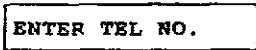




- Note:**
1. If your machine is connected to a PBX line and needs a special code to get an outside line, follow the steps above and enter the number first then 132 access code.
 2. You can enter any 4-digit number, which prevents an unauthorised person from accessing your PIN code.
 3. If your apparatus is connected to a PBX line and needs a special code to get an outside line, enter the number first, followed by 131 access code, Pause and your PIN code.





The MERCURY Residential 132 and Pin Code Service

Checking the Connection to Mercury Network

To check if you have access to Residential 132 Service make the following call.
(see Note 1)

- 1  
- 2  
- 3 Dial 132 using your apparatus's keypad.
- 4 You will hear the recorded message welcoming you to Mercury network through your apparatus's monitor speaker. (see Note 2)
- 5 Now to make a call via Mercury. See page 26.

To check if Mercury button is programmed correctly for Pin Code Service make the following call. (see Note 1)











- 1  
- 2  
- 3 Enter Cost Centre Code if applicable. (see Note 3)
- 4 Dial 1500 using your apparatus's keypad.
- 5 You will hear a high pitched tone (Mercury dial tone) through your machine's monitor speaker, then after a few seconds the recorded message welcoming you to Mercury network. (see Note 2)
- 6 Now to make a call via Mercury. See page 26



- Note:**
1. This call is free of charge.
 2. If you cannot hear the message clearly, adjust the Monitor volume. (see page 82)
 3. Select any 2 or 3 digit number except 112 or 999.
 4. If you have any difficulties, please contact Mercury Customer Assistance on Free Call 0500-500193(24 hours).

The MERCURY Residential 132 and Pin Code Service

Re-entering the Mercury Button

- 1**


- 2**


- 3** Enter the 4-digit password.
 Ex: and

- 4** Enter a new 4-digit password.
 Ex: and

- 5**


- 6** Enter a new access code (and, Pause, PIN code for 131 access). (See Note 1)
 Ex:

- 7**


INSTALLING YOUR APPARATUS

- !** **Note:** 1. When you change Mercury button setting, One-Touch/Abbreviated dialling numbers which are programmed using Mercury button are changed automatically.
2. To delete the PIN code press just after pressing after step 5.

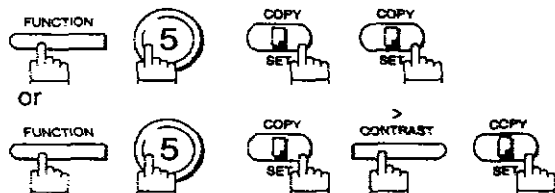
The MERCURY Residential 132 and Pin Code Service

Entering One-Touch/Abbreviated Dialling Numbers

The Mercury button can be used to help you to enter One-Touch/Abbreviated dialling numbers. Instead of entering either 132 or 131, Pause and PIN code at each time of entering the One-Touch/Abbreviated dialling number, you simply press the Mercury button followed by the desired telephone number.


If you want to retain the choice between British Telecom network and Mercury network, just enter the telephone number. (see Note 1)


To enter One-Touch/Abbreviated dialling via Mercury network

- 1**


PRESS ONE-TOUCH

OR

ABBR. NO. = ■
- 2** Press a One-Touch button (1 to 9) or **ABBR** and a 2-digit code (01 to 39).
 Ex:  ONE-TOUCH

< 1>
- 3**  (see Note 2)


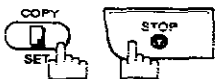
< 1>131-■■■■■■■■■■

OR

< 1>132■
- 4** Enter the telephone number. (see Note 3)
 Ex: **5551234**

< 1>■■■■■5551234

OR



< 1>1325551234■
- 5** 
- 6** Enter the station name using character button (up to 15 characters).
 Ex: **P A N A S O N I C**
- 7** 

- !** **Note:**
1. Only transmission from ADF is available in this operation. If you want to use memory transmission via Mercury network, enter full number into One-Touch/Abbreviated dialling number by using Mercury button.
 2. If 131 access is set in Mercury button, PIN code is not shown on the display.
 3. You can enter the number up to 36 digits in total of the access code, **PAUSE**, PIN code and telephone number.
 4. After entering whole One-Touch/Abbreviated dialling numbers, confirm the all numbers are entered correctly by using One-Touch/Abbreviated dialling number list (see page 86). If the PIN code is entered in a One-Touch/Abbreviated dialling, the PIN code is not printed out.

The MERCURY Residential 132 and Pin Code Service

Transmission Via Mercury Network

Where an access code is programmed in One-Touch/Abbreviated dialling



- 1  Set document(s) face down.
- 2 Press a One-Touch button or ABBR number.
Ex: 
- 3 The display will show the One-Touch numbers and station name. The full number will then be dialed and start sending automatically.

DOCUMENT SET

< 1>(Station name)

INSTALLING YOUR APPARATUS

Where an access code is not programmed in One-Touch/Abbreviated dialling (see Note 1)

- 1  Set document(s) face down.
- 2  Enter Cost Centre Code if applicable. (see Note 2)
- 3 Dial the telephone number by pressing either:
 - Manual Number Dialling
 - One-Touch Dialling
 - Abbreviated Dialling
 - Directory Search Dialling

DOCUMENT SET

131-■■■■■■■■■■

or

132■

131-■■■■5551234

or

1325551234



Note: 1. Only transmission from ADF is available in this operation. If you want to use memory transmission via Mercury network, enter full number into One-Touch/Abbreviated dialling number by using Mercury button.
2. Select any 2 or 3 digit number except 112 or 999. (Only applicable to Mercury 2300 Service customer who have selected to use Cost Centre codes.

Telephone

Direct Dialing

To dial a telephone number manually using the button pad, follow the steps below.

1



Lift up the Handset.

ENTER TEL NO.

2

Dial by using the following methods.

- Enter a telephone number from the keypad.

Ex: **5 5 5 1 2 3 4**

- One-Touch Dialing (Refer to page 32)
- Abbreviated Dialing (Refer to page 32)
- Directory Search Dialing (Refer to page 33)

5551234■

3

When the other party answers, begin your conversation.

4



When you have finished talking, replace the handset.

Duration Display

About 10 seconds (20 seconds when Caller ID function is enabled) after you have dialed the telephone number, the communication time will start to count as shown on the LCD Display.

00:00'20~

Manual Number Dialing

1

Enter the telephone number and make sure that the number is correct.

Ex: **5 5 5 1 2 3 4**

5551234■

2



Lift up the Handset.

3

When the other party answers, begin your conversation.

4

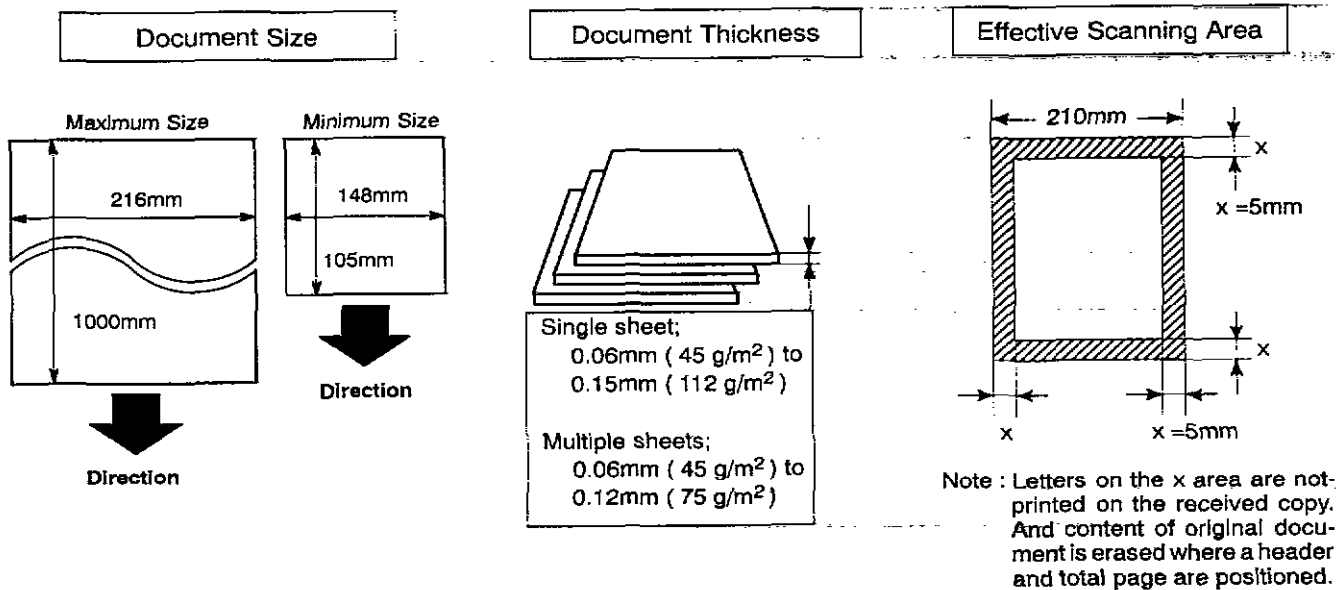


When you have finished talking, replace the handset.

Loading Documents

Documents You Can Send

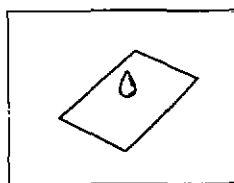
In general, your apparatus will send any document printed on A4, Letter or Legal size paper.



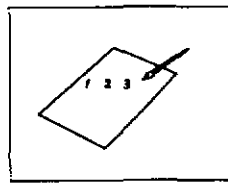
BASIC FEATURES

Documents You Cannot Send

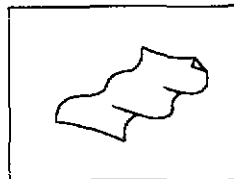
You must never try to send documents that are



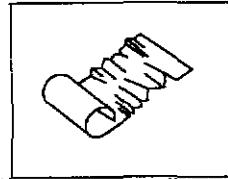
Wet



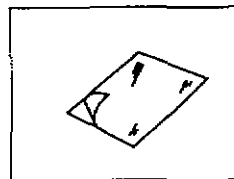
Covered with wet ink or paste



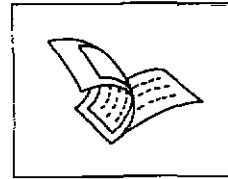
Too thin (e.g., onion-skin, airmail paper, pages from some magazines, etc.)



Wrinkled, curled or folded



Coated (e.g., glossy paper, etc.)



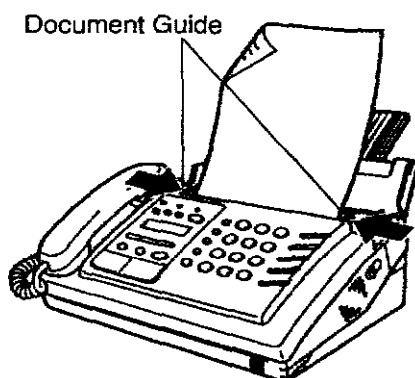
Chemically processed (e.g., pressure-sensitive paper, carbon-coated paper, etc.) or made of cloth or metal

To transmit these kinds of documents, make a photocopy first and then transmit the copy.

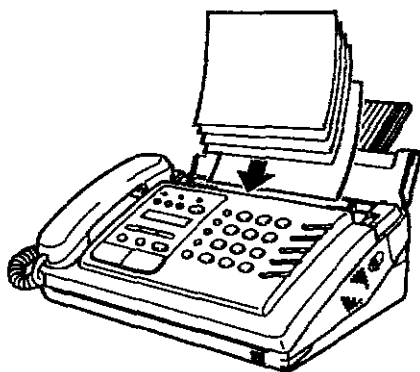
▶ Loading Documents

How to Load Documents

1. Be sure the document(s) is free of staples, paper clips and is not torn, greasy or covered by foreign objects.
2. Place the document(s) **FACE DOWN** on the Automatic Document Feeder (ADF) until the leading edge placed into the apparatus stops.
If you are sending multiple pages, make sure that **the bottom sheet enters first**. You can also stack up **to 10 PAGES** on the ADF at one time. If you have more than 10 pages, wait until transmission starts. As pages are transmitted, place any remaining pages on top of the last page in the feeder.
3. Adjust the Document Guides to centralize the document on the ADF.



CORRECT



INCORRECT



When you set a document on the ADF, the display message will change from date and time (standby) to **DOCUMENT SET**. You can now change basic transmission settings, or begin the dialing procedure.

DOCUMENT SET

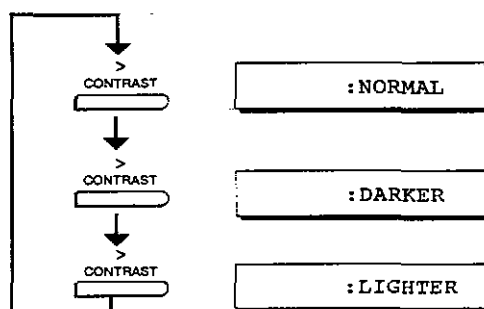
- Contrast
- Resolution and Halftone

After your document has been sent, your apparatus will automatically return to the preset settings.

BASIC FEATURES

Your apparatus is preset to **Normal** contrast. If you have to send a document with light print contrast, you may get better results by changing the setting to **Darker**. If you have to send a document with dark print contrast, change the setting to **Lighter**.

Press **CONTRAST** to:



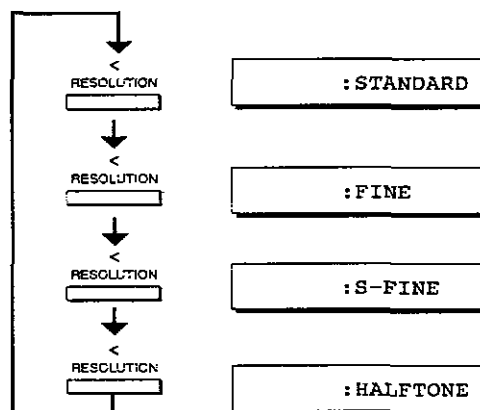
 **Note:** To permanently change the preset Contrast position, change the FAX SETTING, see page 83, 85.

References

Your apparatus is preset to **Standard** resolution, which is suitable for most documents.

Use **Fine** or **Super Fine** for detailed documents, or **Halftone** when sending photographs or illustrations with gray tones.

Press **RESOLUTION** to:



Note:

1. To permanently change the preset Resolution position, change the FAX SETTING see page 83, 85.
2. Setting of the Resolution cannot be changed when you copy.

Sending Documents

Direct Dialing (ADF Transmission)

For Off-Hook Dialing, follow these steps:

1 

Set document(s) face down on the ADF and adjust the Document Guides.

DOCUMENT SET

2 

Lift up the handset and dial the telephone number from the keypad.

ENTER TEL NO.

3

When you hear the voice of the other party, tell the other party to prepare to receive a document.

Then, when you hear a beeping, press **START** and replace the handset.

ON LINE * XMT *

Manual Number Dialing (ADF Transmission)

To dial the telephone number manually, follow the steps below:

1 

Set document(s) face down on the ADF and adjust the Document Guides.

DOCUMENT SET

2

Enter a telephone number from the keypad.

Ex: **5 5 5 1 2 3 4**

5551234■

3



Your apparatus starts to dial the telephone number and sends the document automatically.

ON LINE * XMT *



Note: 1. If you need a special access number to get an outside line, dial it first then press **PAUSE** to enter a pause (represented by a "-") before dialing the full number.

Ex: **9 PAUSE 5551234**

2. If you are using Pulse dialing and you wish to change to Tone dialing in the middle of dialing, press **TONE** (represented by a "T").

The dialing mode will be changed from Pulse to Tone after dialing the letter "T".

3. To stop the transmission, press **STOP**.

4. When you hear the voice of the other party through the monitor speaker after step 3, lift up the handset and tell the other party to prepare to receive a document. After you hear a beep, press **START** and replace the handset.

Sending Documents

One-Touch Dialing (ADF Transmission)

One-Touch Dialing allows you to dial a full number by pressing a single button. To set One-Touch buttons, see page 36.

1




Set document(s) face down on the ADF and adjust the Document Guides.

DOCUMENT SET

2

Press a One-Touch button.

Ex: 
ONE-TOUCH

< 1>SALES DEPT.

The display will show the One-Touch number and station name. The full number (e.g. 9-555 1234) will then be dialed and transmission will start automatically.

9-555 1234■

Abbreviated Dialing (ADF Transmission)

Abbreviated dialing is a speedy way to dial a frequently dialed telephone number by preprogramming the telephone number in the built-in auto-dialer with a 2-digit abbreviated code. To program an abbreviated dialing number, see page 37.

1



Set document(s) face down on the ADF and adjust the Document Guides.

DOCUMENT SET

2

ABBR/
DIRECTORY SEARCH



and a 2-digit code.

Ex: ABBR 1 2

[12]MATSUSHITA

The display will show the ABBR number and station name. The full number (e.g. 9-555 1234) will then be dialed and transmission will start automatically.

9-555 1234■



- Note:**
1. To stop the Transmission, press **STOP**.
 2. When you hear the voice of the other party through the monitor speaker after step 2, lift up the handset and tell the other party to prepare to receive a document. After you hear a beep, press **START** and replace the handset.

Sending Documents

Directory Search Dialing (ADF Transmission)

Directory Search allows you to dial a full telephone number by searching the station name entered in the speed dialing number.

1 

Set document(s) face down on the ADF and adjust the Document Guides.

DOCUMENT SET

2 


Lift up the handset.

ENTER TEL NO.

3 

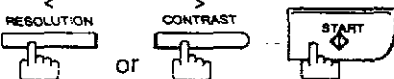
Twice.

ENTER SEARCH KEY

4 

Select the destination.

[1] PANASONIC

5 

555 1234M

6 

Your apparatus starts to dial the telephone number and transmission starts automatically.

How to Select a Destination

1. Select the initial character of the destination name by Ten Keys (① to ⑩ * #).

Initial Character	Ten Keys	Initial Character	Ten Keys	Initial Character	Ten Keys
1	Press ① .	JKL 5	Press ⑤ .	WXYZ 9	Press ⑨ .
ABC 2	Press ② .	MNO 6	Press ⑥ .	Other	Press ⑩ .
DEF 3	Press ③ .	PQRS 7	Press ⑦ .	*	Press * .
GHI 4	Press ④ .	TUV 8	Press ⑧ .	#	Press # .

2. Press < or > to search for the other party's name.

Sending Documents

Multi-Station Transmission (Broadcasting)

If you have to send the same document to multiple stations, you can save time in feeding the document by using memory transmission. That is, you can store the document into memory and then send it to the station(s) automatically. (Max.53 stations)

1



Set document(s) face down on the ADF and adjust the Document Guides.

DOCUMENT SET

2

Dial by any combination of the following methods:

- Manual Number Dialing (Up to 3 stations)
- One-Touch Dialing
- Abbreviated Dialing
- Directory Search Dialing

(For details, see page 31 to 33)

Ex: 
ONE-TOUCH

ABBR 1 2

(When entering a station for Manual Number Dialing or Directory Search Dialing, press **COPY/SET** after each telephone number is entered.)

< 1>(Station name)

[12](Station name)

3



The document is stored into memory then starts to dial the telephone number for each station in sequence.

* STORING *

555 1234■



Note: You can review the stations you have entered in step 3 before storing your document into memory by pressing **<** or **>**. Press **CLEAR** to clear an entered station shown on the display if necessary.

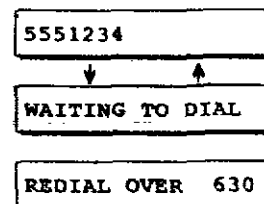
Sending Documents

Redialing

Automatic Redialing

If the line is busy, your apparatus will redial the number up to 2 times at 3 minute interval. During that time, a message will appear as shown on the right.

If the line is still busy after the last try, a message will appear as shown on the right and your apparatus will print a COMM. Journal depending on the FAX SETTING. (See page 85.)



Manual Redialing


You can redial the last dialed number manually by pressing the **REDIAL** button.

To redial the last dialed number

1 

Set document(s) face down on the ADF and adjust the Document Guides.


DOCUMENT SET

2 

5551234

3 

Your apparatus starts to dial the last dialed number and send the document automatically.

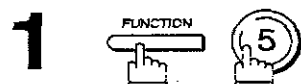
 **Note:** While a document is kept in the memory waiting for the transmission, you cannot send another document until the memory transmission is completed.

Speed Dialing Numbers

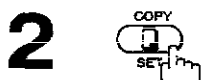
Registering Speed Dialing Numbers

One-Touch and Abbreviated Dialing are two fast ways of dialing full telephone numbers. To use these dialing methods, you must first register the telephone number using the following procedure:

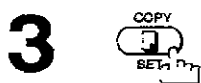
To register a One-Touch button, follow these steps below



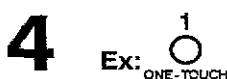
SPEED DIAL NOS. ?



ONE-TOUCH DIAL ?



PRESS ONE-TOUCH



< 1>TELEPHONE NO

5 Enter the telephone number.
(up to 36 digits including pauses and spaces)

Ex: **9** **PAUSE** **5** **5** **5** **MONITOR**
1 2 3 4

< 1>9-555 1234

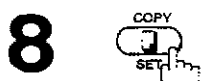


< 1>STATION NAME

7 Enter the station name using the dial keypad
(up to 15 characters). (See page 18)

Ex: **S** **A** **L** **E** **S** **>** **D** **E** **P** **T** **.**

< 1>SALES DEPT. ■



PRESS ONE-TOUCH

To record another number, repeat steps 4 to 7.
To return to standby, press **STOP**.



BASIC FEATURES








- Note:**
1. If you require a special access number to get an outside line, enter it first and then press **PAUSE**.
A hyphen "-" is displayed for pause.
 2. Use **MONITOR** to enter a space between the numbers to make it easier to read.
 3. If you are using Pulse dialing and you wish to change to Tone dialing in the middle of dialing, press **TONE** (represented by a "T"). The dialing method will be changed from Pulse to Tone after the letter "T".
 4. One-Touch Dial Button 10 is reserved for Mercury dialling.

Speed Dialing Numbers







To register an Abbreviated Dialing Number, follow these steps below:





- 1**  


SPEED DIAL NOS. 7
- 2**   

ABBR. NO. - ■
- 3** Ex:   (01 to 40)











[12] TELEPHONE NO
- 4** Enter the telephone number.
(up to 36 digits including pauses and spaces)


Ex:      


   

[12] 9-555 1234■
- 5** 




[12] STATION NAME
- 6** Enter the station name using the dial keypad
(up to 15 characters). (See page 18)

Ex:          

[12] MATSUSHITA■
- 7** 

To record another number, repeat steps 3 to 7.
To return to standby, press .

ABBR. NO. - ■

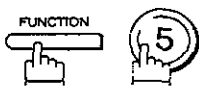



- !** **Note:**
1. If you require a special access number to get an outside line, enter it first and then press .
A hyphen "-" is displayed for pause.
 2. Use  to enter a space between the numbers to make it easier to read.
 3. If you are using Pulse dialing and you wish to change to Tone dialing in the middle of dialing, press  (represented by a "T"). The dialing method will be changed from Pulse to Tone after the letter "T".

Speed Dialing Numbers ◀


Changing or Erasing Speed Dialing Numbers



If you need to change any of the speed dialing numbers, follow the steps below:

To change the settings of a speed dialing number

- 1 
- 2  : One-Touch Dialing Number
 OR
 : ABBR Dialing Number
 and then


- 3 Press One-Touch button or ABBR Dialing Numbers you wish to change.


Ex: 
 ONE-TOUCH

- 4 
 then enter a new telephone number. (see Note 1 and 2)
 Ex: 

- 5 

- 6 
 then enter a new station name. (see Page 18)

Ex: 

- 7 

To return to standby, press .

SPEED DIAL NOS. ?

ONE-TOUCH DIAL ?

or

ABBR. DIAL ?

< 2>9-555 1234

< 2>■

< 2>9-998 3456■



< 2>PANASONIC


< 2>■

< 2>PANAFAX■

PRESS ONE-TOUCH

BASIC FEATURES

! Note: 1. Use  or  to move the cursor, then enter the correct number over the incorrect number.

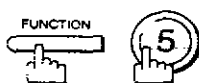
2. Use  to enter a space between the numbers you set. Each space is counted as a digit and you can enter up to 36 digits per station.

3. If a deferred communication has been set, the speed dialing number cannot be changed or erased until the communication has finished or is cancelled (see page 54).

► Speed Dialing Numbers

To erase the settings of speed dialing number

1



SPEED DIAL NOS. ?

2



: One-Touch Dialing Number

OR



: ABBR Dialing Number

and then



ONE-TOUCH DIAL ?

OR

ABBR. DIAL ?

3

Press One-Touch button or ABBR Dialing Number you want to erase.

Ex: ¹
ONE-TOUCH

< 1>9-555 4567

4



< 1>■

5







PRESS ONE-TOUCH

To return to standby, press **STOP**.

Receiving Documents ◀

Reception Modes

Your apparatus provides with four fax reception modes. Select the mode to suit your specific requirements.

Mode	Your Usage	Required Setting	Required Operation
IN	You wish to take incoming call before your apparatus answers. (Telephone Mode : See page 41.)	Set the RCV MODE (IN) to the "MANUAL". (See page 43.)	 Lamp : OFF
	If the incoming call is a Fax call, your apparatus automatically receives documents. If it is a Voice call, the apparatus signals (rings) through the speaker for your attention. (Fax/Tel Auto Switching Mode : See page 41.)	Set the RCV MODE (IN) to the "FAX/TEL". (See page 43.)	 Lamp : OFF
OUT	If the incoming call is a Fax call, your apparatus automatically receives documents. If it is a Voice call, your apparatus automatically records its message. (Fax/Built-in TAM Mode : See page 42.)	Set the RCV MODE (OUT) to the "FAX/TAM". (See page 44.)	 Lamp : ON
	Your apparatus will receive the document automatically. All incoming calls (including a voice call) are answered by your apparatus. (Fax Mode : See page 42.)	Set the RCV MODE (OUT) to the "FAX". (See page 44.)	 Lamp : ON



BASIC FEATURES

To set your apparatus to required reception mode.

► Receiving Documents

This section describes operations when your apparatus is set to one of reception modes. (Refer to page 41)

Telephone mode

- | | |
|---|---|
| <p>1 Your apparatus is set to this mode when purchase. This mode is recommended when you receive Voice Call more than Fax Call.
(See page 43, 84, [RCV MODE (IN)])</p> <p style="border: 1px dashed black; padding: 5px; margin: 10px 0;">If it is a fax call.</p> <p>2 
Lift up the handset or external telephone.</p> <p>3 If you hear the "Pi...Pi...Pi" tone, this indicates that the call is an automatic fax transmission. Your apparatus detects its signal automatically and receive documents. (See Note 1)</p> | <p style="border: 1px dashed black; padding: 5px; margin: 10px 0;">If it is a voice call.</p> <p>2 
Lift up the handset or external telephone.</p> <p>3 Start your conversation with the other party.
If you want to receive documents after your conversation, press START if you lifted up the handset or use Remote Reception (See page 61) if you lifted up external telephone.</p> |
|---|---|

Fax/Tel Auto Switching Mode

- | | |
|---|--|
| <p>1 In this mode, your apparatus automatically receives the fax if the call is fax transmission.
If it is Voice Call, the fax apparatus will ring to inform you to lift up the handset on the fax apparatus.</p> <p style="border: 1px dashed black; padding: 5px; margin: 10px 0;">If it is a fax call.</p> <p>2 It rings once. (See Note 2)
External telephone will stop ringing.</p> <p>3 Reception starts.</p> | <p style="border: 1px dashed black; padding: 5px; margin: 10px 0;">If it is a voice call.</p> <p>2 It rings once. (See Note 2)</p> <p>3 It rings about 12 times. (See Note 3)
F/T FIRST OGM is played back repeatedly to other party. (See Note 4)</p> <p>4 F/T LAST OGM is played back to the other party, and it starts reception.</p> |
|---|--|



- Note:**
1. To set and operate Friendly Reception, please refer to page 46.
 2. Set the number of initial rings before the apparatus answers. Setting of [RING COUNTER] is valid when the [SILENT RCV] is set to "OFF". (See page 83, 85.)
The number of initial rings may differ depending on countries.
 3. Set the number of rings that the apparatus will alert for a voice call when set to the Fax/Tel Auto Switching mode. (See page 83, 85.)
 4. If either 1st OGM or Last OGM is not recorded, apparatus will send simulated Ring Back Tone. (See page 19)

Receiving Documents ◀

Fax/Built-in TAM Mode (See page 44, 84, [RCV MODE (OUT)])

- | | |
|--|--|
| <p>1 In this mode, your apparatus automatically receives the fax if the call is an automatic fax transmission.
If it is Voice Call, the fax apparatus will play back TAM OGM and record message.</p> <p style="border: 1px dashed black; padding: 2px;">If it is a fax call.</p> <p>2 It rings once. (Note 1)</p> <p>3 Reception starts.</p> | <p style="border: 1px dashed black; padding: 2px;">If it is a voice call.</p> <p>2 It rings once. (Note 1)</p> <p>3 TAM OGM is played back.</p> <p>4 When the call is a telephone call, the message is recorded. (max. 30 seconds.) (Note 3)</p> |
|--|--|

BASIC FEATURES

Fax Mode

- | | |
|--|---|
| <p>1 In this mode, the apparatus only receives fax transmission.</p> <p style="border: 1px dashed black; padding: 2px;">If it is a fax call.</p> <p>2 It rings once. (Note 1)</p> <p>3 Reception starts.</p> | <p style="border: 1px dashed black; padding: 2px;">If it is a voice call.</p> <p>2 It rings once. (Note 1)</p> <p>3 Telephone calls are not accepted in this mode.</p> |
|--|---|













- Note:**
1. Set the number of initial rings before the apparatus answers. Setting of [RING COUNTER] is valid when the [SILENT RCV] is set to "OFF". (See page 83, 85.)
The number of initial rings may differ depending on countries.
 2. The recording message time can be changed. (See page 83, 84.)

► Receiving Documents

Setting the Reception Mode (IN Mode)

Following the procedure to set Telephone Mode (Manual Reception) or Fax/Tel auto switching Mode.

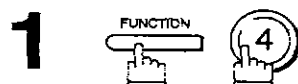
- | | | |
|----------|---|-----------------|
| 1 |   | BASIC SETTING ? |
| 2 |    | RCV MODE (IN) ? |
| 3 |  | :MANUAL RCV |
| 4 |  or  | :FAX/TEL |
| 5 |   | 12-MAR 15:00 |

- !** **Note:**
1. To quit setting midway, press **STOP**.
 2. When the fax answers the incoming call in Fax/Tel mode, the external telephone will stop ringing. If it is a voice call, the apparatus will start ringing.
You can change the number of rings that the apparatus will alert the caller in the FAX SETTING. (See page 83, 85)
You can select the number of initial rings before the apparatus answers by the [RING COUNTER] and set the [SILENT RCV] to "OFF" to valid setting of [RING COUNTER] in the FAX SETTING. (See page 83, 85)

Receiving Documents ◀

Setting Reception Mode (OUT Mode)

Following the procedure to set Built-in TAM Mode or Fax Mode.



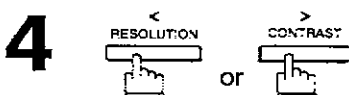
BASIC SETTING ?



RCV MODE (OUT) ?



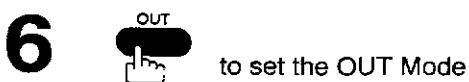
: FAX/TAM



: FAX



12-MAR 15:00



To reset the OUT Mode, press **OUT** to turn the lamp off. New messages will automatically play back if it is set "FAX/TAM".

BASIC FEATURES

[!] **Note:** To quit setting midway, press **STOP**.

Receiving Documents

Automatic Reception

Your apparatus automatically starts to receive documents when the incoming call is a fax transmission.

- 1** When the call rings once, your apparatus starts to receive the fax.

ON LINE * RCV *

- 2** Reception ends.
The recording paper is automatically cut.



Note: You can change the ring count before reception starts. (See page 83, 85.)

Receiving Documents

Manual Reception

You can receive faxes after finishing conversation with the other party.

1

Fax apparatus starts to ring.

PICKUP TELEPHONE

2



Lift up the handset and start your conversation.
Ask the other party to send the document after he hears the answering tone.

* TELEPHONE *

3



Reception starts. (See Note 2)

ON LINE * RCV *

4



Replace the handset. (See Note 1)
When reception ends, the recording paper is automatically cut.

BASIC FEATURES

Friendly Reception

When you answer the call by lifting up the handset, the fax will automatically receive documents if it is a fax call.

Lift up the handset
when it rings.



Reception starts automatically.
• Replace the handset.



Reception ends.

- Note:**
1. When system setting [FRIENDLY RCV] is set to "OFF", this function is not possible. (See page 83, 85)
 2. Sometimes friendly reception is not possible if you hear noise when you lift up the handset. When this happens, press **START** to start reception.
 3. Your apparatus will not automatically switch to reception if 30 seconds elapse without receiving fax signal after lifting up the handset.



- Note:**
1. If you replace the handset before pressing **START**, the incoming call will be cut off.
 2. If a document is placed in your apparatus when you press **START**, your apparatus will switch to fax transmission. To receive faxes, remove the document and press **START**.

▶ Receiving Documents

Caller ID

You can confirm caller's telephone number on the display before taking a call. This function is useful to avoid any mischievous call. To enable this function, you need to change Caller ID setting in the BASIC SETTING in advance. (see page 82, 83). You can check on the availability of this feature through your local telephone company.

When the apparatus receives a call, the LCD display will show the Caller's telephone number as shown the right.




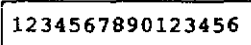




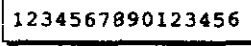


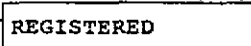



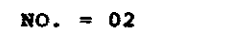
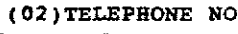












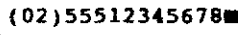


1234567890123



Blacklist

By registering telephone number of unwanted call into Blacklist, apparatus will not ring if its number matches with registered one.

To register the Caller's telephone number into blacklist

You can register the caller's telephone number into Blacklist with the following 2-methods. (Automatically, Manually)

During Communication (Automatically)	After Communication (Manually)
1 Ring the apparatus. 	1  
2 Display shows the Caller's telephone number. 	2  
3  Lift up the Handset and  	3  
4 If the number is registered, Display shows on the right. 	4 Enter the Blacklist number and then press  . Ex:   (01 to 10)  
	5 Enter the telephone number. (Up to 20 digits including pauses and spaces) Ex:             
	6  To record another number, repeat steps 4 to 6. To return to standby, press  .

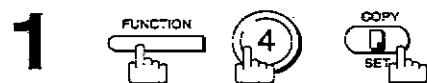
- !** **Note:**
1. If the station name sent from caller side matches with the one registered in the One-Touch or ABBR Dial list, registered Station Name for its telephone number will be displayed by pressing  or .
 2. LCD can display the reason why telephone number is not displayed. (i.e. PRIVATE or OUT OF AREA etc.)

Receiving Documents ◀

Changing the Caller's telephone number in Blacklist

If you need to change any of the Caller's telephone number in the Blacklist, follow the steps below:

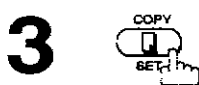
To change the Caller's telephone number in the Blacklist



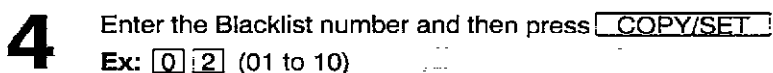
DATE & TIME ?



BLACK LIST ?

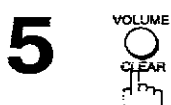


NO. = ■



NO. = 02

(02)55512345678■

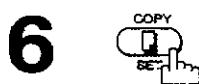


(02)

then enter a new telephone number. (see Note 1 and 2)

Ex: **9 1 2 3 4 5 6 7 8 9 0 1**

(02)12345678901■



To change another number, repeat steps 4 to 6.

To return to standby, press **STOP**.

BASIC FEATURES



Note: 1. Use **<** or **>** to move the cursor, then enter the correct number over the incorrect number.

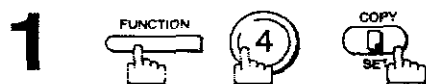
2. Use **MONITOR** to enter a space between the numbers you set. Each space is counted as a digit and you can enter up to 20 digits per station.

► Receiving Documents

Erasing the telephone number in Blacklist

If you need to erase any of the telephone numbers in the Blacklist, follow the steps below:

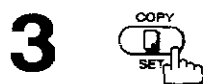
To erase the Caller's telephone number in the Blacklist



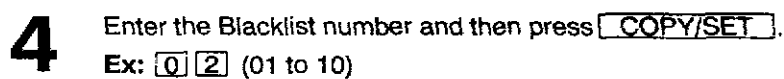
DATE & TIME ?



BLACK LIST ?

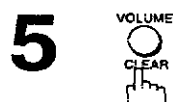


NO. - ■

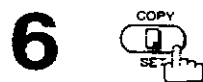


NO. = 02

(02)55512345678■



(02)



To erase another number, repeat steps 4 to 6.

To return to standby, press **STOP**.

Digital Telephone Answering System ◀

Setting Built-In TAM

1 Set the Basic Setting [RCV MODE (OUT)] to "FAX/TAM".
(See page 83, 84)

2 

3 The apparatus plays back the OGM.


* GREETING *

BASIC FEATURES

! **Note:** If your apparatus displays "MEMORY FULL 870", you need to erase the Incoming messages.

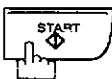
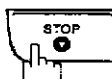
Reset the TAM

1 The OUT lamp blink when there is a new message recorded.

2 

3 Your apparatus plays back the new ICM.
The display shows the recorded time for each ICM.

01	SUN	15:00	05
Current ICM		Total ICM	

4  to delete ICM. (Note 3)
or
 to return to standby.

START TO ERASE




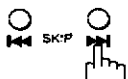
! **Note:**

1. When you receive an Incoming call while you are playing back the messages playing back the messages stops and display shows "PICK UP TELEPHONE". Lift up the handset to talk.
2. To cancel ICM playback midway, press **STOP**.
3. If you do not do anything for about five seconds after playing back the ICM, the recorded message will not be erased and will stay in memory. To play back the message again, carry out the operation described on page 51.
4. The recording time for the incoming messages can be set. (See page 83, 84)


Digital Telephone Answering System

Button function while playing back ICM

The following functions can be used during ICM playback:

	Erase the current ICM (Incoming Message).
	Play back the ICM.
	Play back ICM from the first message.
	Play back the next ICM.

Erase all ICM (Incoming Message)

1 

START TO ERASE

2 

DELETED

Erase an ICM (Incoming Message)

You can erase each ICM during the ICM playback.

1 Select the ICM to be erased.


01 TUE 14:23 05

2  while playing back the ICM.

3 To erase next ICM, start again from step 2.
To quit, press **STOP**.


Making Copies

Your apparatus has a copy function which can make a single or multiple copies. When copying, you may select the Contrast, Resolution and Halftone (See page 30).

1 

Set document(s) face down on the ADF and adjust the Document Guides.

DOCUMENT SET

2 

NO. OF COPY =1

3 Enter the number of copies.

Ex: (max 99)

NO. OF COPY =10

4 

The apparatus stores the document, then prints out the copies.

* STORING *

* COPY * 01/10








BASIC FEATURES

 **Note:** It is not available to select Standard and Super Fine (S-Fine) resolution for making Copies.

▶ Timer Controlled Communications

You can send a document to one or multiple stations (max. 53 stations) at any preset time within the next 24 hours.

Deferred Transmission

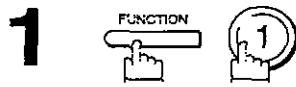
<p>1 </p> <p>Set document(s) face down on the ADF and adjust the Document Guides. If necessary, Select CONTRAST, and RESOLUTION. (See page 30)</p>	<p>2  </p>	<p>3 </p>	<p>4 </p>	<p>5 Enter the desired start time using the dial keypad. (Use a 4-digit, 24-hour clock.)</p> <p>Ex: 2330 (11:30 p.m.)</p> <p>and COPY/SET</p>	<p>6 Set the destination by any combination of the following methods:</p> <ul style="list-style-type: none"> • Manual Number Dialing (Up to 3 stations) • One-Touch Dialing • Abbreviated Dialing • Directory Search Dialing <p>Ex:  ONE-TOUCH</p>	<p>7 </p>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">DOCUMENT SET</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">DEFERRED XMT ?</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">SET ?</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">TIME = ■ :</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">ENTER STATION(S)</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">< 2>(Station name)</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">DOCUMENT SET</div> <div style="text-align: center; margin-bottom: 5px;">↓ ↑</div> <div style="border: 1px solid black; padding: 2px;">DEFER.XMT 23:30</div>
--	---	---	---	--	--	---	---

- !** **Note:**
1. If you make a mistake in step 5, press CLEAR then re-enter the correct time.
 2. If you enter a wrong telephone number in Step 6, press CLEAR then re-enter the right number.
 3. To cancel the Deferred Communication settings, see page 54.
 4. You cannot register telephone number into One-Touch or Abbreviated dialing while deferred transmission is set.

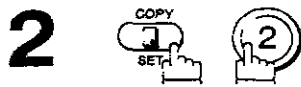
Timer Controlled Communications ◀

ADVANCED FEATURES

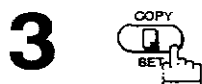
Confirm Deferred Transmission



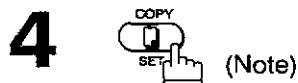
DEFERRED XMT ?



CONFIRM ?



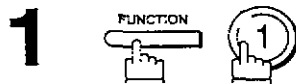
TIME = 23:30



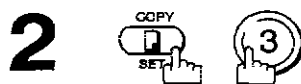
< 2>(Station name)



Cancel Deferred Transmission



DEFERRED XMT ?




CANCEL ?



START TO CANCEL



DELETED

 **Note:** If you set more than one station, press > to confirm.

Polling

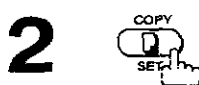
Polling means calling another station to retrieve a document. The other station must know in advance that you will call and must have a document set on the ADF or stored in the memory. You may need to set a polling password, shared by the other station, to ensure security.

To Poll Documents from Another Station

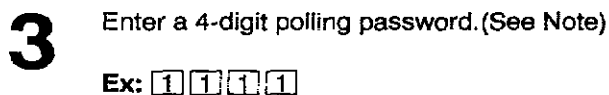
The following procedure lets you poll a document from another station. Be sure to set the polling password before polling.



POLLING RCV ?



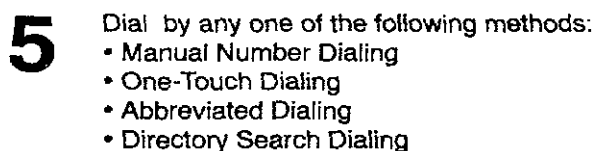
PASSWORD = ■■■■



PASSWORD = 1111



ENTER STATION



Ex:  and 

[10](Station name)



Note: Polling might not work with all fax apparatus. We suggest you attempt a trial polling before you actually poll important documents.

Reception Mode Switching Timer ◀

How to use Reception Mode Switching Timer

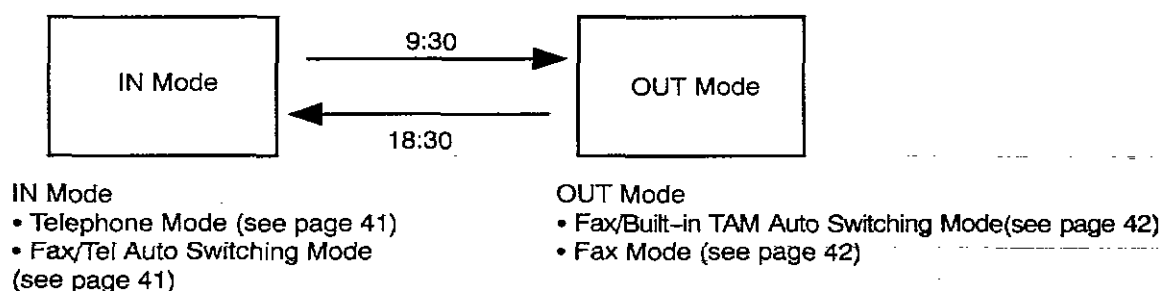
An example:

- During the day, you want to use the Fax/Built-in TAM Auto Switching mode
- At night, you want to use Fax/Tel Auto Switching mode

IN/OUT Auto Switching Mode

When the timer is set to this mode, your apparatus will switch the IN/OUT (Attended/Unattended) Mode automatically according to the timer setting.

Auto Switching (See page 57)

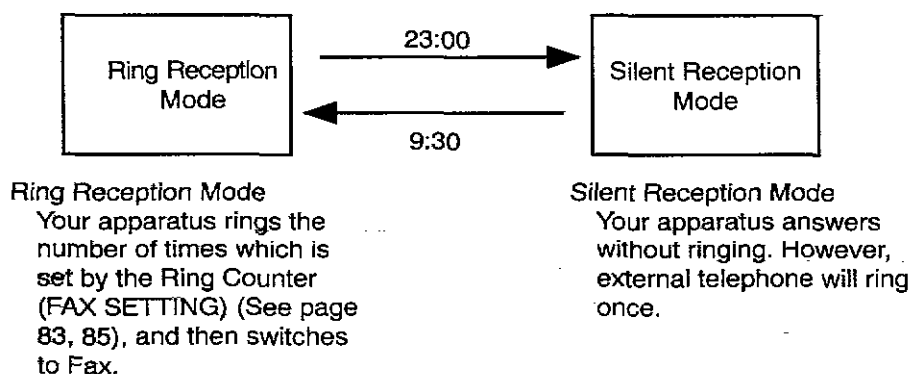


Ring/Silent Reception Auto Switching Mode

When your apparatus is set to this mode, it will switch the Ring/Silent Reception Mode automatically according to the timer setting. This function is valid in Fax/Tel Auto Switching mode only.

This mode is useful to avoid disturbing a person's sleeping in midnight.

Auto Switching (See page 58)
























Note: IN/OUT and Ring/Silent Reception Mode cannot be used at the same time.

IN/OUT Auto Switching Mode

By setting the time period to start and end the OUT (unattended) mode, your apparatus will switch to IN (attended) mode at the end of the OUT mode period automatically.

Setting the OUT (unattended) mode time period

1	 	BASIC SETTING ?
2	  	TIMER SWITCH ?
3		:OFF
4		:ON
5		:SILENT
6		:RCV MODE
7		START ■ :
8	Enter a 4-digit Start Time. Ex:     (9:30 AM)	START 09:30
9		END ■ :
10	Enter a 4-digit End Time. Ex:     (11:00 PM)	END 23:00
11	 	

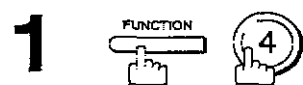
Reception Mode Switching Timer ◀

Ring/Silent Reception Auto Switching Mode

By setting the time period to start and end the Silent Reception mode, your apparatus will switch to Ring Reception mode at the end of the Silent Reception mode period automatically. This mode is useful to avoid disturbing a person's sleep in midnight.

This function is only available in the Fax/Tel auto switching Mode. (See page 43)

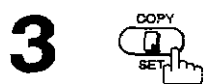
Setting the Silent mode time period



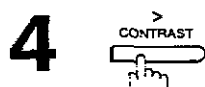
BASIC SETTING ?



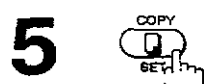
TIMER SWITCH ?



:OFF



:ON



:SILENT



START ■ :

7 Enter a 4-digit Start Time.
Ex: **2 3 0 0** (11:00 PM)

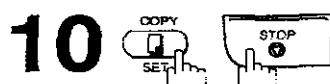
START 23:00



END ■ :

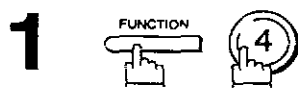
9 Enter a 4-digit End Time.
Ex: **0 9 3 0** (9:30 AM)

END 09:30



► Reception Mode Switching Timer

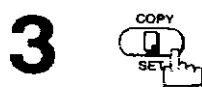
Reset Reception Mode Switching Timer



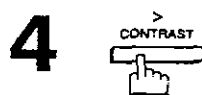
BASIC SETTING ?



TIMER SWITCH ?



... :ON



... :OFF

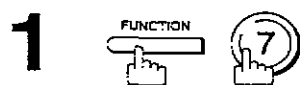


Selective Reception ◀

Your apparatus has a special feature, Selective Reception, which can prevent the receiving of unnecessary documents (i.e. junk fax, direct mail, etc.).

Before receiving the document, the last 4 digits of the ID Number received from the sending apparatus will be compared with the last 4 digits of the telephone number programmed in each One-Touch or Abbreviated station. When a match is found, your apparatus will start receiving the document. If a match is not found, your apparatus will cancel the reception and an Information Code 406 will appear on the LCD Display.

Setting Selective Reception



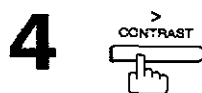
FAX SETTING ?



SELECTIVE RCV ?



: OFF



: ON



- Note:**
1. When the Selective Reception is set, your apparatus can receive from only those stations which are programmed in the built-in auto-dialer.
 2. If your Telephone Number (ID Number) has not been set, your apparatus might not be able to receive from some particular apparatus. To set your Telephone Number (ID Number), see page 17.
 3. Unless the Telephone Number (ID Number) of the sending party is set in their apparatus, the reception will be refused by your apparatus when this function is set.









▶ Receiving Documents

Remote Reception

You can connect an external telephone to a fax apparatus and switch your fax apparatus remotely to receive documents.

- 1 Answer a call on an external telephone.



- 2   or   in 30 seconds after lifting up the handset.
  : Tone Dial.
  : Pulse Dial.

- 3 Replace the handset. Fax reception starts.

! **Note:** 1. Remote reception is not possible when making a telephone call from your apparatus.
2. When system setting [REMOTE RCV] is set to "OFF", remote reception is not possible. (See page 83, 85)
3. Sometimes remote reception is not possible when using a telephone that emits dialing tones only at the instant that buttons are pressed.

Substitute Memory Reception

If the recording paper runs out or jams during reception, the apparatus automatically starts receiving the document into its image data memory. Stored documents are printed automatically after replacing the recording paper.

- 1 When the apparatus finishes the memory reception and there is no recording paper, an Information Code appears on the display.

NO REC.PAPER 010

- 2 Install the recording paper (see page 14)

The apparatus will automatically start printing the documents stored in the memory.

* PRINTING *



- Note:**
1. If the memory overflows, the apparatus will stop receiving and release the telephone line. The document(s) stored in the memory up to that moment will be printed out automatically.
 2. When power failure occurs, your apparatus will retain the information into the memory.
 3. If you wish to turn off this function, change the [SUBSTITUTE RECEPTION] to "OFF" in the FAX SETTING (see page 83, 85).

Voice Contact

Making Voice Contact after Sending/Receiving

You may want to talk to the other person over the telephone after sending or receiving documents. To do so, perform Step 1 while the apparatus is still sending or receiving.

When sending

ON LINE * XMT *

When receiving

ON LINE * RCV *

1



When sending/receiving is over, your apparatus will signal (rings) through the monitor speaker.

VOICE STANDBY

PICKUP TELEPHONE

2

Lift up the handset and talk.



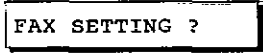



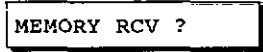

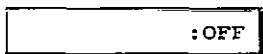

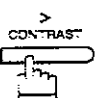
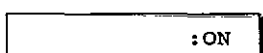


Answering a Voice Contact Request

When you hear a signal (rings) through the monitor speaker, it means you are receiving a voice contact request. Lift up the handset to talk.

Personal Mailbox ◀

The apparatus stores all received documents into memory when this function is ON. Stored documents can be retrieved from a remote station or printed later from the apparatus.

To set the Personal Mailbox Function

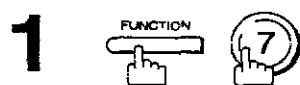
1	 		ADVANCED FEATURES
2	  		
3			
4	 OR 		
5	 		



- Note:**
1. When the memory overflows, the apparatus will stop receiving and release the line. The apparatus will not answer the next incoming call until there is space available in the memory.
 2. In step 5, the apparatus sounds 3 short beeps "Pi-Pi-Pi" and displays "MEMORY FULL 870", you cannot set this function. Retry from step 1 after deleting the contents from the memory. (see page 51, 65)

► Personal Mailbox

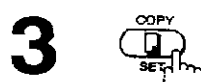
To Cancel the Personal Mailbox Function



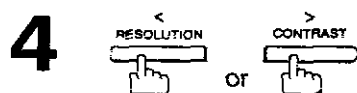
FAX SETTING ?



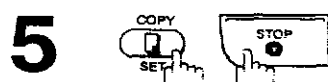
MEMORY RCV ?



: ON



: OFF



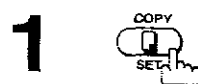
Note: If received documents are stored in memory and you cancel this function, the apparatus will print the documents automatically.

Printing Out Documents

After receiving a document in the Personal Mailbox, the MEMORY Lamp will turn "ON".



To print the document, follow the steps below.



* PRINTING *

2 The apparatus starts printing the received document. After printing, the document will be erased from the memory automatically.

3 The apparatus will return to standby and it is ready to receive the next document into the Personal Mailbox.

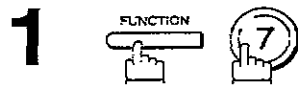


Note: In step 1, the apparatus sounds 3 short beeps "Pi-Pi-Pi" and displays "PLS. SET DOCUMENT", this means no documents was received.

Memory Reception Notice

The apparatus can be programmed to notify in your Personal Mailbox that a document has been received from a specified station by transmitting a Memory Reception Notice to a preset fax telephone number. You can retrieve the document from a remote fax apparatus by using the touch tone Remote Control command or Polling operation using Remote Control Password in stead of Polling Password. (See page 55, 80)

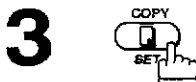
Setting the Memory Reception Notice



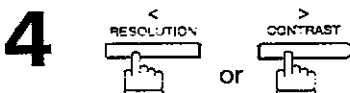
FAX SETTING ?



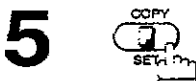
MEM. RCV NOTICE?



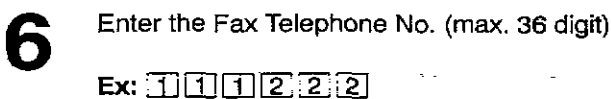
: OFF



: ON




TEL:



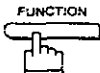





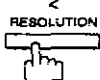



TEL: 111222 ■



 **Note:** The Remote Password must be set in the TAM SETTING, see Page 40, 84.

► Personal Mailbox

To Cancel the Memory Reception Notice

- 1  
 - 2   
 - 3 
 - 4  OR 
 - 5  
- FAX SETTING ?

MEM. RCV NOTICE?

: ON

: OFF

Receiving the Memory Reception Notice

- 1 Your apparatus starts dialing to the programmed telephone number, after the document is received in the Personal Mailbox.
- 2 When the destination fax apparatus answers, your apparatus sends a "Memory Reception Notice".

Sample of Memory Reception Notice

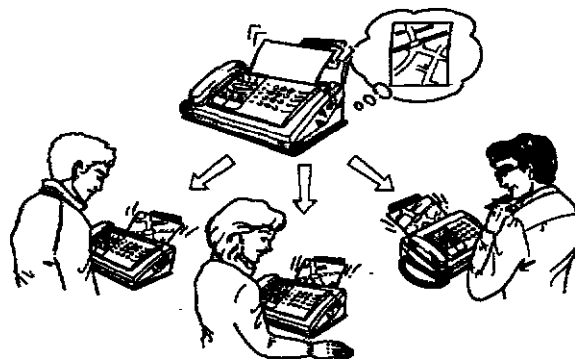
MEMORY RECEPTION NOTICE		
THIS IS A NOTICE THAT FAX MESSAGE(S) HAS BEEN RECEIVED IN YOUR MACHINE.		
LATEST RECEPTION INFORMATION		
DATE	PAGES	IDENTIFICATION
21-MAY 16:03	1	PANASONIC
TOTAL RECEPTION = 02		
TOTAL PAGES = 02		

- 3 Retrieve the stored documents from a remote fax apparatus using the touch tone Remote Control command. (see page 79)

 **Note:** Your apparatus will redial 2 times when the line is busy.

About FAX Bulletin Board

You can store a document into the Fax Bulletin Board using the apparatus memory. Others can retrieve the document using the touch tone remote control command. The document in the Fax Bulletin Board will be kept until it is erased.



ADVANCED FEATURES

Storing a Document

1

Set document(s) face down on the ADF and adjust the Document Guides. If necessary, Select CONTRAST, and RESOLUTION. (See page 30)

2

DOCUMENT SET

3

FAX SETTING ?

4

FAX BULLETIN ?

5

STORE BULLETIN ?









6 After storing the document, the apparatus will return to standby.











- Note:**
1. If you want to change the stored document, re-store a new document from Step 1 after erasing the old document from the Bulletin Board. (see page 69)
 2. You can change the stored document by re-storing a new document remotely by using the Remote function. (see page 79)

FAX Bulletin Board

Printing the FAX Bulletin Board

- 1**   FAX SETTING ?
- 2**    FAX BULLETIN ?
- 3**   PRINT BULLETIN ?
- 4**  * PRINTING *
The stored document will be printed.

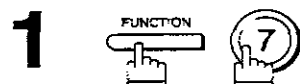
Erase the Fax Bulletin Board

- 1**   FAX SETTING ?
- 2**    FAX BULLETIN ?
- 3**   ERASE BULLETIN ?
- 4**  DELETED

FAX Bulletin Board ◀

Register the Fax Bulletin Board Password

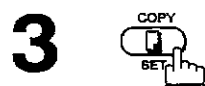
The Bulletin Password must be registered before using the Fax Bulletin Board function.



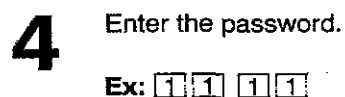
FAX SETTING ?



FAX BB.PASSWORD?




:■■■■



:1111



ADVANCED FEATURES

 **Note:** If you enter a wrong password, press **CLEAR** and re-enter a new one.


FAX Bulletin Board

Retrieve the Stored Document from a Remote Station

You can retrieve the document from a remote fax apparatus by using the touch tone Remote Control command. You must input the Fax Bulletin Board Password in the your fax apparatus in advance. (See page 70)

1 Lift up the handset on a remote fax apparatus and call your apparatus.


2 After your apparatus answers, and you hear the greeting message.


3 
and dial the fax bulletin board password within 10 seconds.
(You must use Tone dialing)

Ex:      

4 When the Password is matched , you will hear a long beep. (See Note 1)

5 When your apparatus is ready to transmit, you will hear a short beep with 3 second intervals.

6 
and then replace the handset. The remote fax will start receiving the document stored in the Fax Bulletin Board.

 **Note:** 1. If you hear 3 short beeps following by a long beep in step 4, it means the password is incorrect. Re-enter the password again.
2. The telephone line will be disconnected if you enter the wrong password 3 times in succession.

Digital Telephone Answering System

Setting TAM from Remote Station

If you forget to set your apparatus to use TAM, you can set it remotely. (See Note)

You must set the Remote Password (in the TAM SETTING), "IN/OUT Remote Set" to "ON" (in the TAM SETTING) and "RCV Mode" to FAX/TAM (in the BASIC SETTING) in advance.

When your apparatus is set "MANUAL RCV" at "IN Mode".

1 Call your apparatus from a remote location.

2 Your apparatus will answer after 15 rings.

3



and after you hear a long beep, dial the Remote Password and **#** button within 10 seconds.

(You must use Tone dialing.)

Ex: **1** **2** **3** **4** **#**

4

When the password is matched, you will hear a short beep.

5



6

Your apparatus is now set to OUT Mode.

7



Replace the handset.

When your apparatus is set "FAX/TEL" at "IN Mode".

1

Call your apparatus from a remote location.

2

Your apparatus answers.
During the greeting message.

3



and after you hear a long beep, dial the Remote Password and **#** button within 10 seconds.

(You must use Tone dialing.)

Ex: **1** **2** **3** **4** **#**

4

When the password is matched, you will hear a short beep.

5



6

Your apparatus is now set to OUT Mode.

7



Replace the handset.



Note: If the memory is full, the setting of the apparatus cannot be changed. Please play back and erase the message before doing this operation.

Digital Telephone Answering System

Toll Saver

It is possible to check if there is any new ICM (Incoming Message) recorded. When calling from a remote location, simply listen to the number of rings before the apparatus answers. If there is a new message, the apparatus answers after the second ring. If there is no messages, the apparatus will answer after the 5th ring. Therefore, if you hear the third ring you can hang up to save the toll and time.
(You must set TAM SETTING (See page 83, 84) [TOLL SAVER] to "ON" in advance.)

When your apparatus has a new message.

- 1** Call your apparatus from a remote location.
- 2** Your Apparatus will answer after the 2nd ring.
- 3** You may listen to the messages following the Remote Control operation.

When your apparatus has no new messages.

- 1** Call your apparatus from a remote location.
- 2** Listen to the number of rings before the apparatus answers.
- 3** If you hear the 3rd ring, replace the handset to save the toll.

Call Screening

This function enables you to monitor the incoming call through the speaker. You need to set [RCV MODE (OUT)] to FAX/TAM and press OUT button to turn the lamp ON. (See page 83, 84)



Note: The ring counter setting in the FAX SETTING is ignored when the [TOLL SAVER] is set to "ON". (See page 83, 84)

Digital Telephone Answering System ◀

Memo/2Way Recording

About Memo/2Way Recording

If you are going out and you want to leave a private message for someone, you can record a voice memo in your apparatus. It can then be played back directly or remotely, same as any other incoming messages.

Recording a Memo Message

1



To start the recording.

PRESS START

2



RECORDING 01

3

Speak toward the microphone from a distance of approximately 20 cm.

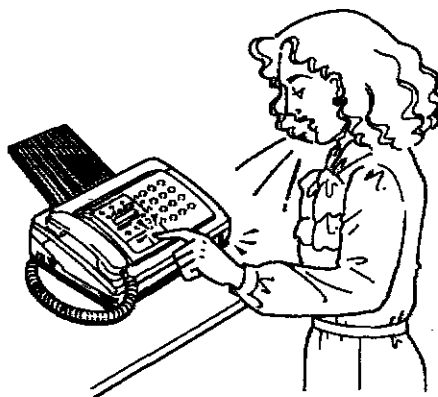
4



To stop the recording.

RECORDED

Leave a message for someone special.



Note: 1. Memo Message: A message can be recorded through the built-in microphone.

ADVANCED FEATURES

► Digital Telephone Answering System

Recording a 2-way Conversation

While you are speaking with someone on the telephone, you can record your conversation for a later reference. It can be played back directly or remotely.

1 During your conversation.

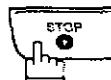
2  To start the recording.

PRESS START

3 

RECORDING 01

4 Continue your conversation.

5  To stop the recording.

RECORDED

Too busy to take notes!



Now you don't have to take notes.



Note: 1. 2-Way Recording: Conversation over the telephone can be recorded for a later reference.
2. You may hear the warning tone (Pu..Pu..) during recording your conversation due to regulation of the government.
It is not wrong operation of the apparatus as in some countries tones are generated.

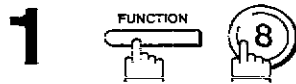
Digital Telephone Answering System ◀

Voice Message Transfer

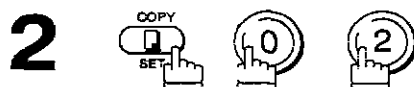
This function is for transferring incoming messages to a remote telephone while you are out. After a message is recorded, your apparatus will call the specified location where you are and you can listen to the message after entering the Remote Password on a touch tone telephone.

To enable this function, Remote Password must be set in TAM (see page 83, 84).

Setting the Voice Message Transfer



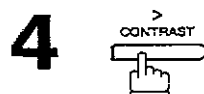
TAM SETTING ?



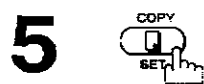
ICM TRANSFER ?



: OFF



: ON



TEL:



TEL: 123456789




ADVANCED FEATURES

Digital Telephone Answering System

Operation of Voice Message Transfer

1 After a message is recorded, your apparatus starts dialing the programmed station.

2 When you answer the call, you will hear a series of tone "Pi..Pi..Pi....".

3 
and dial the Remote Password within 10 seconds.
(You must use Tone dialing.)

Ex:

1	2	3	4	#
---	---	---	---	---

4 You will hear the ICM (Incoming Message).

5 Replace the handset after listening to the message.



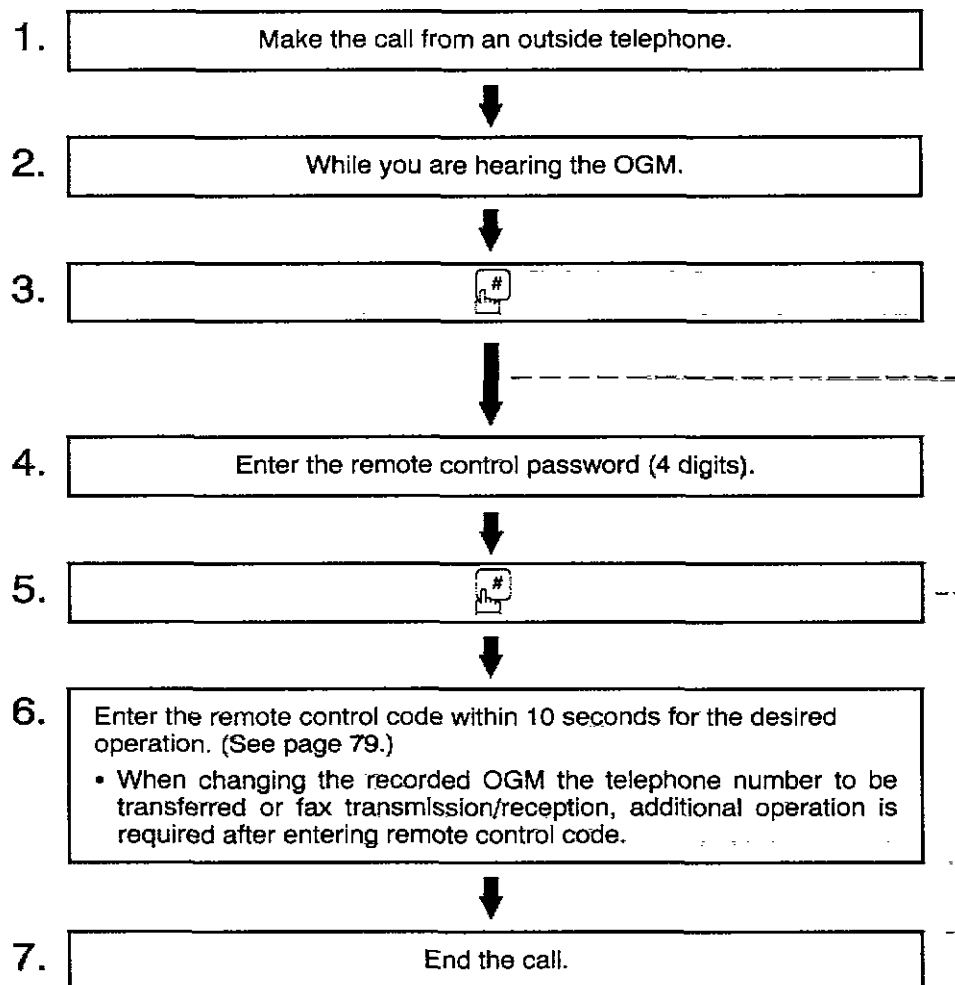
Note: 1. The telephone line will be disconnected, if you enter the wrong password 3 times in succession.
2. Your apparatus will redial 2 times automatically if the line is busy.
3. If you use a mobile telephone, this function may not work correctly due to line quality.



About Remote Function

You can make calls from remote location to play back messages or retrieve documents received into memory from your apparatus. To use this function, you must use tone dialing.

The remote control password is needed for remote control operations. Make sure that the password is already registered. (See page 80.)

Also, make sure that your apparatus is set to either Fax/Tel Auto Switching or Fax/Built-in TAM modes. (See page 41, 42.)



- Note:**
1. When playing back messages or recording the OGM, press  before ending the call.
 2. The call will be cut off if the remote control password is not entered within 10 seconds at step 4.
 3. To cancel the current remote control operation or if some trouble occurs, press . Resume operation from step 6.
 4. When entering remote control codes [83#], [91#] or [92#], the call must be made from the fax. Otherwise documents cannot be received or sent. (See page 79)
 5. If you use a mobile telephone, this function may not work correctly due to line quality.

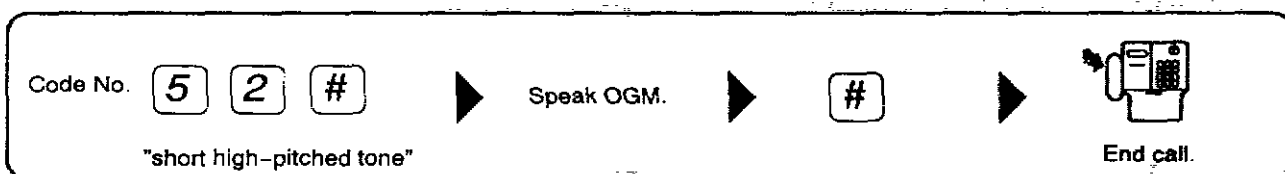
▶ Remote Function

Remote Function Table

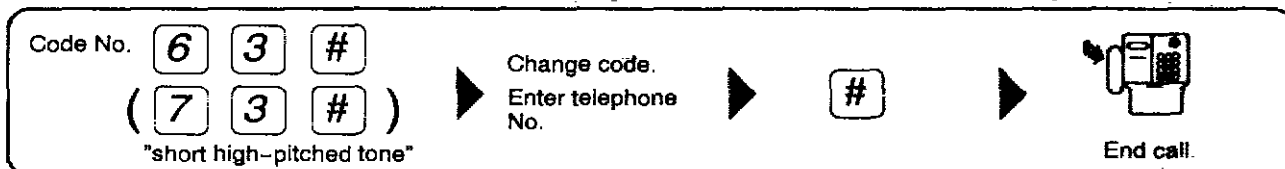
Remote Control Code	Operation Item	Remote Control Code	Operation Item
1	Playback the previous message.	72#	Turns "OFF" the Memory Reception Notice function.
2#	Playback messages.	73#	Setting the telephone number to be dialed in order to send the Memory Reception Notice after a document is received in your Personal Mailbox.
3	Playback next message.	81#	Set memory reception.
4#	Delete all messages and recordings.	82#	Cancel memory reception.
51#	Delete recorded OGM.	83#	Retrieve received documents.
52#	Record OGM. (max. 30 seconds)	91#	Store a document to fax bulletin board.
61#	Set message transfer.	92#	Retrieve a document from fax bulletin board.
62#	Cancel message transfer.	93#	Delete contents of fax bulletin board.
63#	Change the telephone number of the message transfer destination.	0#	Switch to OUT mode.
71#	Turns "ON" the Memory Reception Notice function.	* #	Switch to IN mode.

With the following functions, additional operation is required after entering the remote control code number.

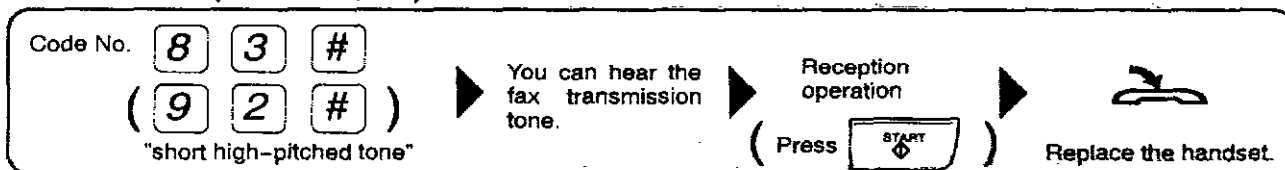
Record OGM. (Code : 52#)



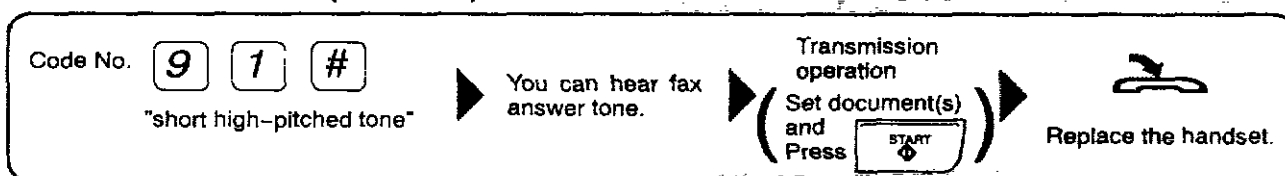
Change the telephone number of the transfer destination. (Code : 63#, 73#)



Retrieve to fax. (Code : 83#, 92#)



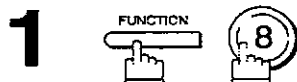
Stores to bulletin board. (Code : 91#)



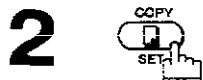
Remote Function

Registering the Remote Control Password

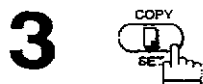
The remote control password must be registered before carrying out remote control operation.



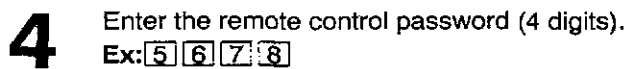
TAM SETTING ?



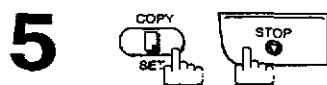
REMOTE PASSWORD?



:■■■■



:5678



12-MAR 15:00

REMOTE FUNCTION



Note: 1. To quit registration midway, press STOP.

2. The same password for the bulletin board password cannot be entered for the remote control password.

▶ Adjusting Volume

You can adjust the monitor volume and ringer volume on your apparatus. The built-in speaker enables you to hear the dialing tone, dialing signals, and busy tone. The ringer sounds when your apparatus receives a call.

Setting Monitor Volume

You can adjust the volume by using **VOLUME**.

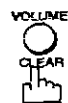
1



You will hear the dial tone through the speaker.

ENTER TEL NO.

2



Repeatedly to lower or raise the volume respectively.

MONITOR VOLUME=1

3



Setting Ringer Volume

You can adjust the volume by using **VOLUME**.

1



You will hear the Ringer through the speaker.

RINGER VOLUME =1

2



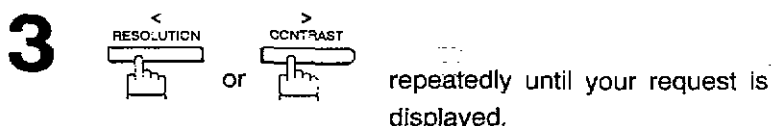
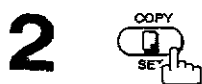
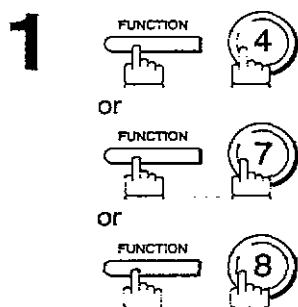
Note: If you select the volume "0", the display will show as follows when a call comes in.

PICKUP TELEPHONE

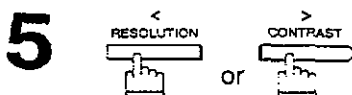
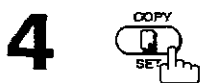
Customizing Your Apparatus ◀

Your facsimile apparatus has a variety of adjustable Fax Parameter Settings. These parameter Settings, listed in the Parameter Table (See page 83, 84), are preset for you and do not need to be changed. If you want to make a change, read the table carefully. Some parameters, such as the Resolution, can be temporarily changed by a simple button operation just before a transmission is made. When the transmission ends however, these parameters return to their preset values (Home position). Parameters can be changed by the procedure described below.

Setting Fax Parameters



Ex: Choose [SELECTIVE RCV] in the FAX SETTING.



To set another parameter, repeat operation from step 3, or to return to standby, press **[STOP]**.

BASIC SETTING ?

or

FAX SETTING ?

or

TAM SETTING ?

DATE & TIME ?

or

SILENT RCV ?

or

REMOTE PASSWORD?

SELECTIVE RCV ?

: ON

: OFF

PROGRAMMING YOUR
APPARATUS

[!] **Note:** To print a Fax Parameter List, see page 85.

Customizing Your Apparatus

Fax Parameter Table

1. BASIC SETTING

Parameter	Selection	Comments
01 : DATE & TIME	-	Set the current Date and Time.
02 : NAME	-	Set your name or company name.
03 : TEL NO.	-	Set your fax telephone number or ID number.
04 : RCV MODE (IN)	MANUAL RCV	Set the IN MODE for Telephone Mode or Fax/Tel Auto Switching Mode.
	FAX/TEL	
05 : RCV MODE (OUT)	FAX	Set the OUT MODE for Fax Mode, FAX/TAM Mode.
	FAX/TAM	
06 : TIMER SWITCH	ON	Select whether or not the apparatus will switch the IN/OUT MODE automatically at a preset period.
	OFF	
07 : KEY VOLUME	OFF	Select the volume of the button tone.
	SOFT	
	LOUD	
09 : HOLD MUSIC	ON	Select whether or not the apparatus will play Hold Music while the line is being put on hold.
	OFF	
13 : CALLER ID	ON	Select whether or not the apparatus displays Caller ID.
	OFF	
14 : BLACK LIST	-	Register the telephone number to be listed in the Black List. (See page 48)

2. TAM SETTING

Parameter	Selection	Comments
01 : REMOTE PASSWORD	(_ _ _)	Set a 4-digit password for Remote Controlled Operation. (see page 80)
02 : MESSAGE TRANSFER	ON	Select whether or not the apparatus calls the pre-programmed location after an incoming voice message is recorded in the built-in TAM (see page 76)
	OFF	
03 : MESSAGE RECORDING TIME	30(sec)	Set the recording time for each incoming message. (see page 42)
	60(sec)	
	90(sec)	
04 : ICM LENGTH	STANDARD	Select the required length of the incoming message. Recording time for each selection may vary depending on content of message and background noise. Note : By selecting "STANDARD", recording time is set to Max. 6 minutes. If "LONG" is selected, recording time is set to Max. 12 minutes. If "SHORT (CLEARER)" is selected, recording time is set to Max. 3 minutes.
	LONG	
	SHORT (CLEARER)	
05 : IN/OUT REMOTE SET	ON	Select whether or not the apparatus accepts the IN / OUT Mode to be changed using the Remote Control to operation. (see page 79)
	OFF	
06 : TOLL SAVER	ON	Set the Toll Saver Mode. When set "ON", you can determine whether or not there is a new message recorded in the TAM. (see page 73)
	OFF	
07 : CALL SCREENING	ON	Select whether or not you can monitor the incoming call through the speaker while it is being recorded and answer it if you wish by simply lifting up the handset.
	OFF	

Continued on the next page.

Customizing Your Apparatus

3. FAX SETTING

Parameter	Selection	Comments
01 : SILENT RCV	ON	Select whether or not the apparatus will receive documents without ring.
	OFF	
(02 : RING COUNTER)	1-9	Set the number of initial rings before the apparatus answers. This function will not be valid unless the "SILENT RCV" is set "OFF".
03: F/T RING COUNTER	3	Set the number of rings that the apparatus will alert the caller when set to the Fax/Tel Auto Switching mode.
	6	
	9	
	12	
05 : MEMORY TX	ON	Select whether the apparatus stores the documents first and transmits it from document memory.
	OFF	
06 : SILENT DETECTION	ON	Select Silent Detection in Fax / Built-in TAM Mode.
	OFF	
07 : RESOLUTION HOME POSITION	STANDARD	Select required home position for your document.
	FINE	
	S-FINE	
	HALFTONE	
08 : CONTRAST HOME POSITION	NORMAL	Set the home position of CONTRAST button on the panel.
	DARKER	
	LIGHTER	
09 : COMM. JOURNAL	INC	Select the print condition for the COMM. Journal. • INC : Print only when the transmission has failed. • OFF : Do not print. • ALWAYS : Print after each transmission.
	OFF	
	ALWAYS	
10 : PRINT JOURNAL	AUTOMATIC	Select whether or not the apparatus prints the journal automatically after each 10 transactions.
	MANUAL	
11 : JOURNAL TEL NO.	ON	Select whether or not the apparatus prints the telephone number dialed on the journal. When you are calling using a calling/credit card or required to enter a personal ID to complete a call, change this setting to "OFF".
	OFF	
13 : MEMORY RCV	ON	Setting the Personal Mailbox function.
	OFF	
14 : SUBSTITUTE RECEPTION	ON	Select whether or not the apparatus receives into memory when recording paper runs out. (See page 62).
	OFF	
15 : FRIENDLY RCV	ON	Select whether the apparatus continues to monitor for a fax signal when a call is answered using the fax handset.
	OFF	
16 : REMOTE RCV	ON	Select whether the apparatus accepts the remote reception command to switch into fax reception mode. (See Page 41).
	OFF	
17 : MEMORY RCV NOTICE	ON	Select whether or not the apparatus transmits a Memory Reception Notice to the pre-programmed location after a fax is received in the personal mailbox. (see page 66)
	OFF	
18 : SELECTIVE RCV	ON	Select whether the apparatus performs selective reception function.
	OFF	
19 : OVERSEAS COMM.	ON	Select whether or not the apparatus uses the overseas setting to improve communications.
	OFF	
21 : FAX BULLETIN PASSWORD	(- - - -)	Setting a 4-digit password for document retrieval from the bulletin board. (see page 70)



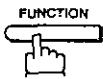









- Note:**
1. Depending on the PBX conditions when the fax apparatus is called, the number of rings can differ from the setting.
 2. The contents of Fax Parameter may differ depending on the each country's regulation or specification.
 3. Callers are accustomed to calls being answered normally within about 10s, and the majority abandon calls that are not answered within 45s.

Lists and Journal

Your facsimile apparatus is equipped to print the following lists and Journal.

The "Journal" is a record of the last 10 transactions (a transaction is recorded each time you send or receive a document). It is printed out automatically after every 10 transactions, also can be printed manually by the following procedure:

To print a List:

1	 	<div style="border: 1px solid black; padding: 2px; display: inline-block;">LIST PRINT ?</div>
2	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> for Black List or  </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> for Caller ID List or  </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> for FAX Parameter List or  </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> for Transaction Journal </div> </div>	<div style="display: flex; flex-direction: column; align-items: flex-end;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;">BLACK LIST ?</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;">CALLER ID LIST ?</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;">SPEED DIAL LIST?</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;">FAX PARA LIST ?</div> <div style="border: 1px solid black; padding: 2px;">JOURNAL ?</div> </div>
3		<div style="border: 1px solid black; padding: 2px; text-align: center;">* PRINTING *</div>

Communication Journal (COMM. JOURNAL)

The Communication Journal (COMM. JOURNAL) lets you verify whether the transmission or polling was successful or not. You may select the print status (Off/Always/Inc.) in the FAX SETTING (COMM. JOURNAL), see page 82, 84.

Sample of COMM. JOURNAL

COMM. JOURNAL (Note)					
(1) SAT, 21-OCT-96 18:00 (2) PANASONIC 123 456 789					
DEFERRED START TIME = 17:00 (3)					
DATE (4)	PAGES (5)	DURATION (6)	X/R (7)	IDENTIFICATION (8)	RESULTS (CODE) (9)
07-OCT 20:51	1	1' 20	XMT	1234	OK

Explanation of Contents

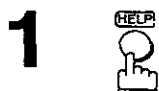
- (1) Date & Time
- (2) NAME & ID Number
- (3) Deferred Start Time : The deferred transmission starting time was set.
- (4) Communication Date & Time
- (5) Number of pages transmitted or received : The 2-digit number is the number of pages successfully transmitted or received.
- (6) Duration of communication
- (7) Type of communication : "XMT" means Transmission or Polled
"RCV" means Reception
- (8) Remote station Identification : Name : Recorded name in One-Touch or ABBR. Numbers or remote station's Character ID.
Tel. number : Dialed telephone number.
Number : Remote station's ID number.
- (9) Communication result :

Item	Meaning
"OK"	: Communication was successful.
"REC. PAPER JAM"	: Recording Paper Jam.
"NO REC. PAPER"	: No Recording Paper.
"DOCUMENT JAM"	: Document Jam.
"PASSWORD ERROR"	: Confirm the correct Password.
"COM. ERROR"	: Communication error.
"NO DOCUMENT"	: No Document.
"BUSY"	: Remote Station is busy.
"STOPPED"	: Communication was stopped.
"COVER OPEN"	: Panel Cover was open.
"DOC. LENGTH OVER"	: Document length was too long.
"CANNOT POLL"	: Confirm with the other station.
"MEMORY FULL"	: 870 Error

 **Note:** MEMORY COMM. JOURNAL will be printed if it is multistation transmission.

▶ Printing Help

Press **HELP** to print how to register speed dialing numbers, for example. Use this feature when the User's Guide is not nearby.



HELP GUIDE ?



*** PRINTING ***

! **Note:** Press **HELP** then **START** to print a list of items that can be printed by HELP function.

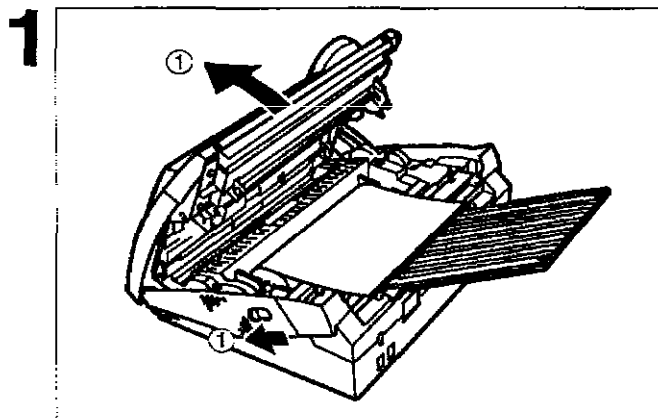
Items That Can be Printed by **HELP**.

Set up User Parameters	Register Speed Dialing Numbers
Sending and Receiving Document	Selecting Functions
Managing Outgoing Messages (OGM)	Remote Control Code Table

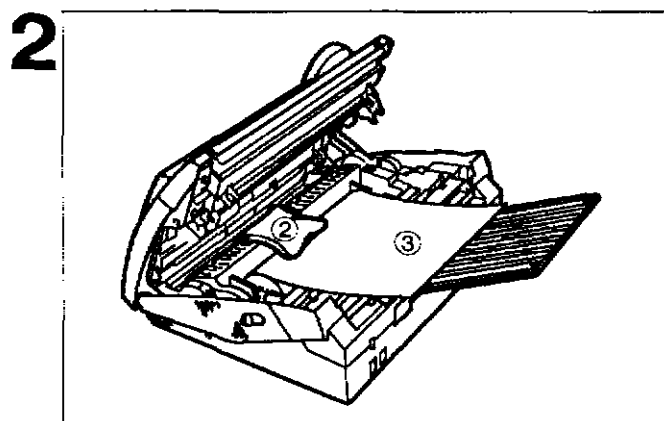
Cleaning the Document Scanning Area

If the receiving party reports that the received documents were black, or contained black lines, try making a copy on your apparatus to verify. If the copy is black or has black lines, the document scanning area is probably dirty and must be cleaned.

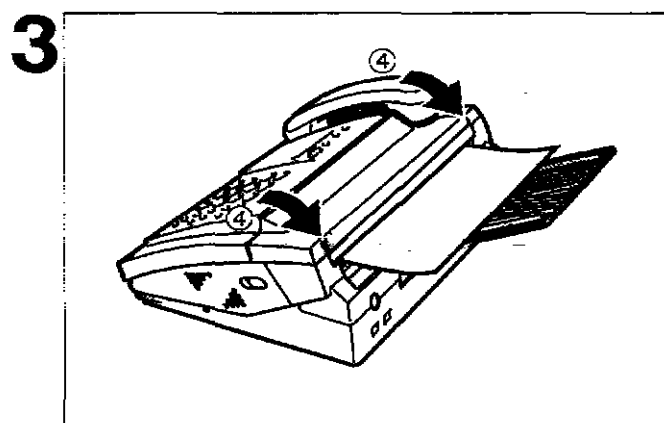
To clean the scanning area



- ① Open the Panel Cover by pulling lever towards you.



- ② Wipe the scanning area gently with a soft cloth or gauze wet with ethyl alcohol. Be sure to use a clean cloth, the scanning area can be easily scratched. Gently wipe the scanning roller (White Roller) by the cloth soaked with ethyl alcohol rotating its roller.
- ③ Pulling the recording paper out of the apparatus.



- ④ Close the Panel cover.
- ⑤ Push down on each end (indicated by arrow 5) firmly until you hear the click sound. The recording paper will automatically feed through the apparatus and cut.

Troubleshooting

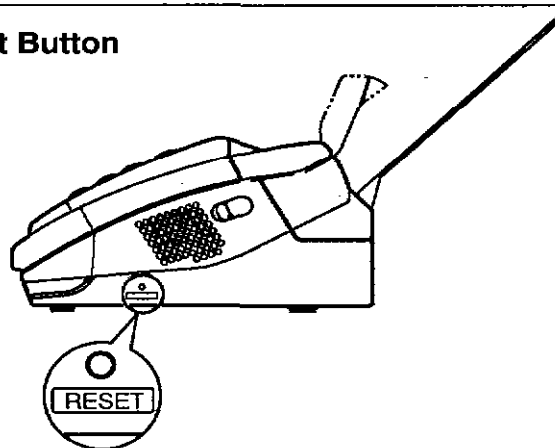
If You Have Any of These Problems

Mode	Symptom	Action	Page
During Installation	The display is blinking	Battery discharged completely. This may happen at first installation. After setting the clock, the blinking will stop.	--
During Transmission	Document doesn't feed/multiple feed	1. Check that your document is free of staples and paper clips, and that it is not greasy or torn. 2. Check that your document is the right type to send through a fax apparatus by consulting the list on "Documents You Cannot Send". If your document has the characteristics listed, make a photocopy of your document and send the copy instead. 3. Check that the document is loaded properly.	28 95
	Document jam	The information code will appear on the LCD display if the document becomes jammed.	94
Transmission Copy Quality	Vertical lines on the transmitted document	Check own copy quality. If copy is OK, your apparatus has no problem, report to receiving party that they have a problem. If copy is bad, clean the Document Scanning Area.	88 52
	Transmitted document is blank	1. Make sure the document is set face down. 2. Check own copy quality. If copy is OK, your apparatus has no problem, report to receiving party that they have a problem.	29 52
During Reception	No recording paper	The information code will appear on the LCD display if the paper runs out.	14
	Recording paper jam	The information code will appear on the LCD display if the paper gets jammed.	93
	Recording paper doesn't eject after printing	Check to see if the recording paper is jammed inside the apparatus.	93
Grating Noise		At 12 p.m. every day, the roller will rotate. This is for maintenance propose to make smooth contact between the Roller and Scanning Glass. So, this is not an apparatus fault even if a rotating sound is heard.	92

Troubleshooting

Mode	Symptom	Action	page
Reception Copy Quality	Vertical lines printing on the received document	Print a Journal report (e.g. FUNCTION, 3, 1 and START) and check the copy quality of your apparatus. If Journal report quality is OK, your apparatus has no problem, report to sending party that they have a problem.	85
	Fuzzy print	Make sure you are using the correct paper for the best possible print quality.	3
	Missing dots or lines/Inconsistent darkness within print	Make sure you are using the correct paper for the best possible print quality.	3
	Faint print	You may need to choose a different paper for the best possible print quality.	3
Communication	No dial tone	1. Check the connection of telephone line. 2. Check the telephone line.	13 96
	No auto answer	1. Check the connection of telephone line. 2. Check Reception mode setting. 3. Check if apparatus is printing a report. (e.g.: 10 Transaction Journal, Fax Parameter List). If apparatus is printing a report, apparatus cannot receive until printing is completed. 4. If the printed document is the 10th Transaction, apparatus will usually print the 10 Transaction Journal automatically after printing out the document. In this case, apparatus cannot receive until the Journal has been printed.	13 40
	Cannot transmit or receive	An information code will be shown on the display. Refer to the information code table to find out the trouble.	91
No apparatus Operation	No apparatus operation	To reset the apparatus, press the RESET Switch using the point of a ball-pen as indicated below, keep the Power "ON".	90

Reset Button



Troubleshooting

Information Codes

When something unusual occurs, the display may show one of the Information Codes below. These will help you to identify and correct the problem.

Info. Code	Meaning	Action	Page
001/002 003/004	Recording paper jam.	Remove jammed paper.	93
004	Cutter Error	Remove jammed paper and move cutter carriage to the left.	93
010	No recording paper.	Load the paper.	14
020	Thermal Recording Head temperature is too high.	Wait a few minutes to permit cooling.	-
030	Document misfeeding.	1. Reload the document properly.	29
		2. Remove document jam.	94
			95
031	Document misfeeding. Document paper is too long or jammed. Document length exceeds 39.4 inches (1 meters).	1. Reload the document properly.	28
		2. Remove document jam.	29
			94
			95
032	Document paper is too short.	1. Reload the document properly.	29
		2. Remove document jam.	94
060	Panel Cover is open.	Close the Panel Cover.	-
400	During initial handshake, receiving station did not respond or communication error occurred.	1. Check with the other party. 2. Reload the document and send again.	-
401	Remote station required a Receiving Password to receive the document.	Check the remote station.	-
403	Remote station has no Polling function.	Check the remote station.	-
404/405	During initial handshake, communication error occurred.	Reload the document and send again.	-
406	Transmission Password does not match. Receiving Password does not match. Received from an unauthorized station in Selective Reception mode.	Check the password or the telephone number in the One-Touch or Abbreviated station.	-
407	No confirmation from the receiving station for the previous page sent.	Wait a few minutes and send again.	-
408/409	Remote side confirmation of previous page sent.	Wait a few minutes and send again.	-
411	Polling password does not match.	Check polling password.	-
415	Polling transmission error.	Check polling password.	-



Continued on the next page.



Troubleshooting


Info. Code	Meaning	Action	Page
416/417 418/419	Received data has too many errors.	Check with the other party.	-
420/421	Apparatus goes to receiving mode, but receives no command from the transmitting side.	1. Remote side misdial. 2. Check with the other party.	-
428	During initial handshake, received the disconnect command from the transmitting side.	Check with the other party.	-
430/434	Communication error occurred while receiving.	Check with the other party.	-
436/490	Received data has too many errors.	Check with the other party.	-
623	No document was on the ADF.	Reload the document and send again.	-
630	Redial was not successful due to a busy line or no response from the called station.	Reload the document and send again.	-
633	Redial was not successful due to a busy line or no response from the called station.	Reload the document and send again.	-
870	Memory overflow occurred while storing documents into memory for transmission.	Transmit documents without storing into memory.	-

At 12 p.m. every day, the roller will rotate to make smooth contact between the Roller and the Scanning Glass. So, this is not an apparatus fault even if a rotating sound is heard.

If you wish to change the roller rotation time, follow the operation described below.

- 1**


(Note 1)

12:00
- 2**


(Note 2)

15:00
- 3**


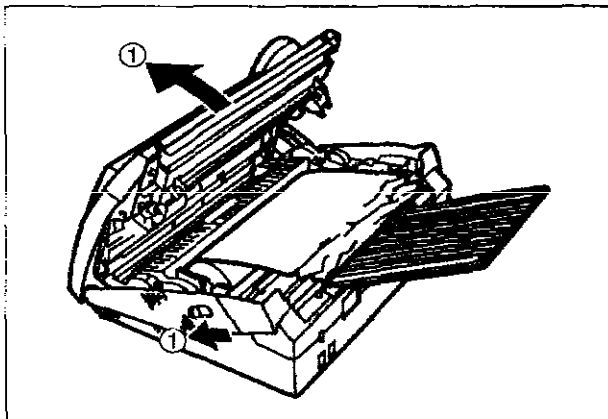
- !** **Note:**
1. It is also possible to change the time in a telephone Off-HOOK state. In this case, reject tone "Pi Pi Pi" will be heard when **HELP** is pressed.
 2. It is not possible to change the minute setting.

► Troubleshooting

Clearing Recording Paper Jam

If the recording paper becomes jammed in the apparatus, the ALARM lamp will light and the alarm will sound.

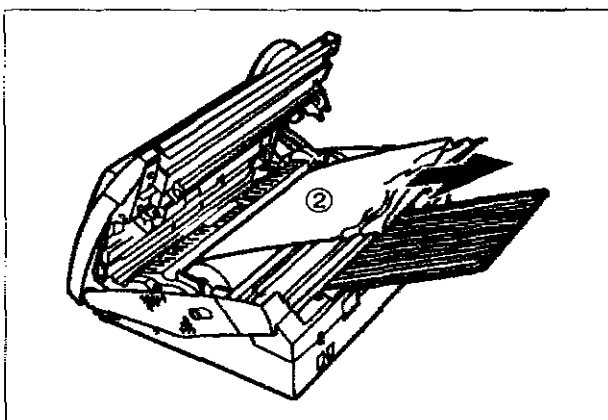
1



- ① Open the Panel Cover by pulling the lever towards you.

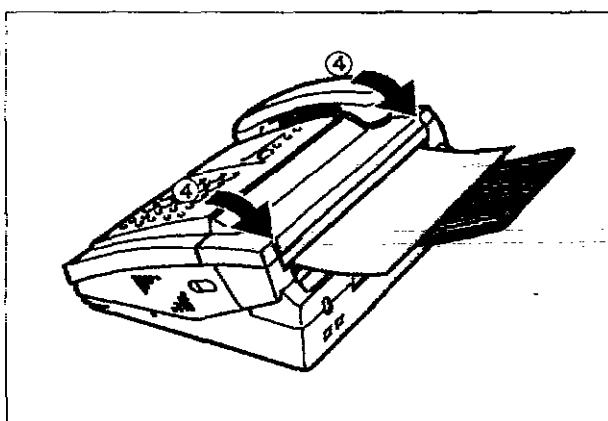
Note: If the Cutter Head (Blue colour) is stopped with the jammed paper, move the Cutter Head to left side before removing jammed paper.

2



- ② Pull out the recording paper.

3

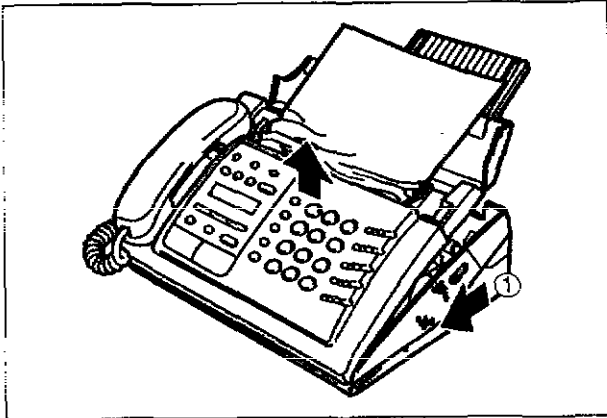


- ③ Close the Panel cover.
④ Push down on each end (▢ area) firmly until you hear the click sound.
The recording paper will automatically feed through and cut.

Clearing a Document Jam

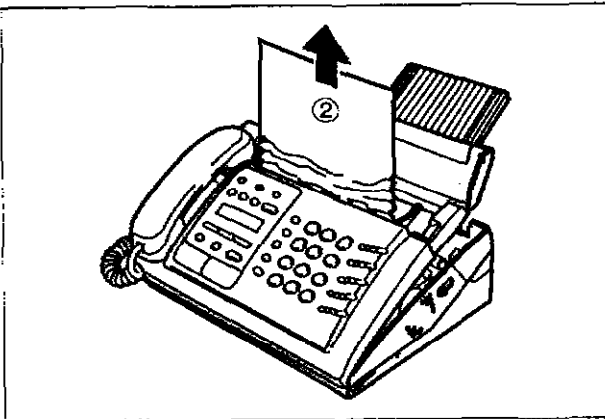
If the document becomes jammed in the apparatus, the ALARM lamp will light and the alarm will sound.

1



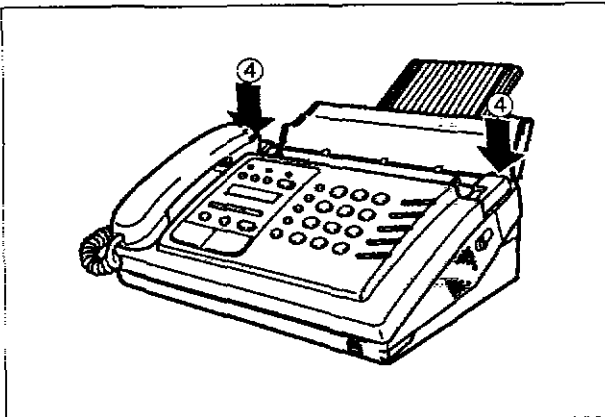
- ① Open the Panel Cover by pulling lever towards you.

2



- ② Remove the jammed document.

3

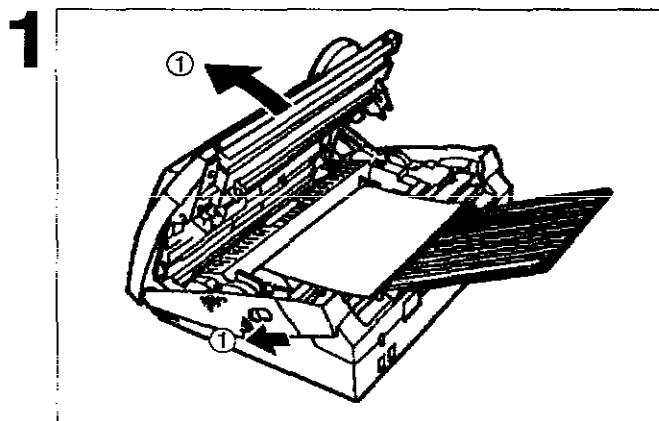


- ③ Close the Panel cover.
④ Push down on each end (▢ area) firmly until the Panel Cover is latched.

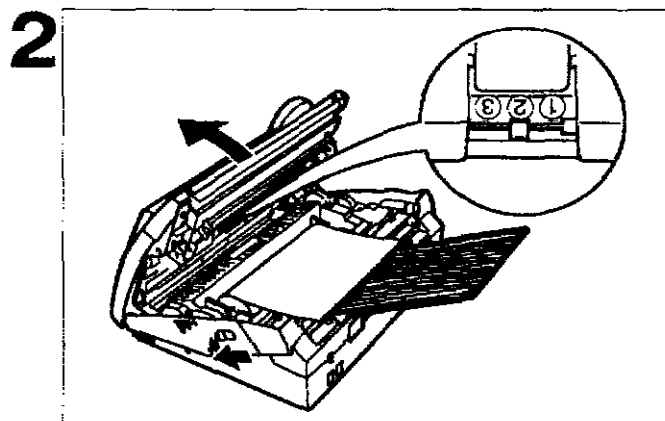
► Troubleshooting

Adjusting the Automatic Document Feeder (ADF)

If document misfeeding occurs frequently, we suggest you to adjust ADF.



① Open the Panel Cover by pulling the lever towards you.



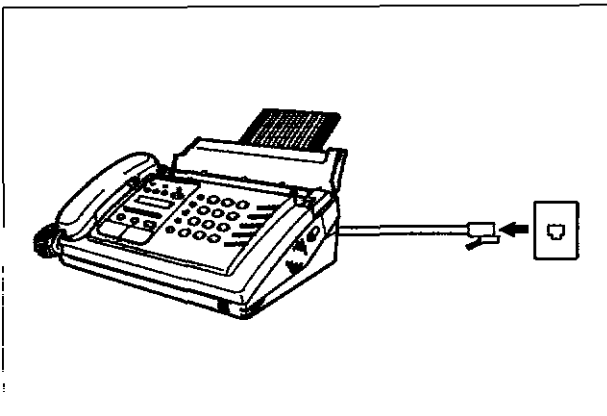
Slide the Pressure Adjusting Lever to the desired position depending on the condition.

Position	Condition
①	To prevent no feeding trouble
②	Standard position
③	To prevent multiple feed trouble

Checking the Telephone Line

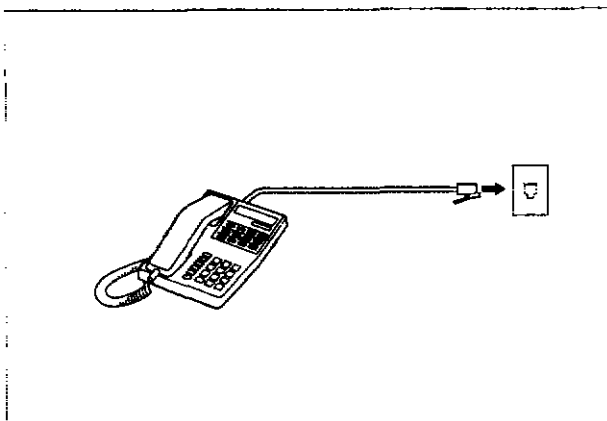
When you do not hear a dial tone through the telephone connected to the apparatus or when the telephone does not ring (Not automatic reception).

1



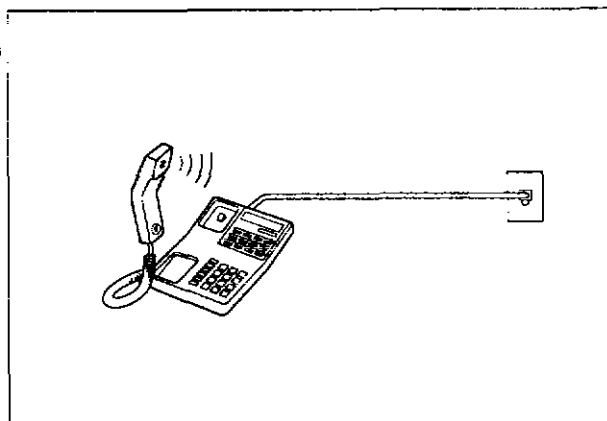
Unplug the Telephone Line Cord from the telephone jack that was supplied by the telephone company.

2



Plug a different regular telephone into the same telephone jack.

3



Check for dial tone through the handset. If there is still no dial tone, report it to your local telephone company.

or
Call from another telephone to this number. If the telephone does not ring, report it to your local telephone company.

Specifications

Compatibility	ITU-T Group 3
Scanning Method	Flat bed scanning with CIS type image sensor
Document Size	Max. : 216 mm x 1000 mm (with operator's assistance) Min. : 148 mm x 105 mm
Document Thickness	Single sheet : 0.06 mm (45 g/m ²) to 0.15 mm (112 g/m ²) Multiple sheets : 0.06 mm (45 g/m ²) to 0.12 mm (75 g/m ²)
ADF Capacity (Automatic Document Feeder)	Built-in, up to 10 sheets
Effective Scanning Width	205 mm
Recording Method	Thermal print head
Recording Paper	High sensitive thermal recording Paper
Recording Paper Size	210 mm x 30 m (Max.Diameter 61mm)
Resolution (Conforms to ITU-T)	Horizontal : 203 pels/inch (8 pels/mm) Vertical : Standard : (3.85 lines/mm) Fine : (7.7 lines/mm) Super Fine : (15.4 lines/mm)
Coding Scheme	MH (Conforms to ITU-T)
Modem Type	ITU-T V.29, V.27 ter and V.21
Modem Speed	9600, 7200, 4800, 2400 and 300 bps
One-Touch/Abbreviated Dialing Memory Capacity	10stations /40 stations Each station can be register up to 36 digits for each telephone number (including pauses and spaces) and up to 15 characters for each station name
Image Memory Capacity	Approx. 25 pages (Based on ITU-T Test Chart No.1 using Standard Resolution)
Power Supply	200-240 VAC, 50 Hz, Single Phase
Power Consumption	Standby : Approx. 4.5 W Transmission : Approx. 20 W Reception : Approx. 30 W Copy : Approx. 35 W Max : Approx. 100 W
Dimensions	330mm (W) x 252mm (D) x 157mm (H) (excluding projections)
Weight	Approx. 4.5 kg (excluding recording paper)
Operating Environment	Temperature : 5 to 35°C Relative Humidity : 20 to 80%

Notice for Connection to the Telecommunication Systems

1. a. BABT Certificate Number/Approval Number for the UF-S10-ABK : 504022
b. APPROVED for connection to telecommunication systems specified in the instructions for use subject to the conditions set out in them.
2. This equipment has been approved for the use of following facilities.
 - Storage of telephone numbers for retrieval by a predetermined code: (If problems occur, verify stored number.)
 - Automatic Call Initiation
 - Operation in the presence or absence of initial or Secondary Proceed Indication.
 - Automatic Dialling Facilities
 - Automatic Storage of Last Number Dialed
 - Automatic Repeat Attempt Facilities
 - Auto Clear from the call originating end
 - Call Progress Monitor
 - Modem
 - Telephone apparatus
 - Answering System

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

3. The connection to the telecommunication systems must be unplugged before the earth is disconnected. The connection to the telecommunication systems must not be hardwired.
4. This equipment may be used on telecommunication systems employing loop disconnect or MF signalling.
5. This equipment is not suitable as an extension to a payphone or for use on shared service lines.
6. This equipment is suitable for connection only to exchange lines on the PSTN directly or via a compatible PABX. The supplier of the equipment should be consulted for an up to date list of PABXs with which the equipment is compatible.

It cannot be guaranteed that the equipment will operate under all possible conditions of connection to a compatible PABX. Any cases of difficulty should be referred in the first instance to the supplier of the equipment.

7. Ringer Equivalence Number (REN) = 1
The REN is a customer guide indicating approximately the maximum number of items of equipment that should be connected simultaneously to the line.

The sum of the REN's of the individual items should not exceed 4. The REN value of a BT telephone is assumed to be 1 unless otherwise marked.

- For the definition of a RBS (Relevant Branch System) for PSTN lines, please refer to BS6789 Part 6.1 Section 2.4.

Notice for Connection to the Telecommunication Systems

8. The voltage drop introduced by the equipment between the PSTN and the associated telephone at a current of 40 mA d.c. is 2.0 Volts.

The equipment should not be used in conjunction with other series connected equipment such that the aggregate declared voltage drops of all this equipment, together with the voltage drop introduced at 40 mA d.c. by any separate wiring that is used to link equipment, exceeds 2.0 Volts.

The introduction of this voltage drop may occasionally cause difficulties in making calls from the associated telephone or problems in telephone conversation being experienced by both parties to the call.

While operation may be possible initially, changes to or modernisation of the network taking place in the normal course of events may result in the equipment being connected to a network service with which it was not designed to be compatible. Failure of the equipment to work under these circumstances may not be the responsibility of the network operator.

In the unlikely event of such problems occurring, the user should contact the supplier or maintainer of the equipment.

9. Interconnection directly, or by way of other equipment, of ports marked "SAFETY WARNING. See instructions for use" with ports marked or not so marked may produce hazardous conditions on the network and that advice should be obtained from a competent engineer before such a connection is made.
10. This equipment is not intended for use in applications where callers may be considered "naive". A caller with no special knowledge of the characteristics of the auto-answering systems or with no special equipment to assist the transfer of information across the established connection is considered to be "naive". Generally callers are unlikely to be "naive" in any of the following cases;
- (1) If the equipment gives an answer tone.
 - (2) If the telephone number is not made public.
 - (3) If the telephone number is published and is accompanied by suitable instructions concerning incoming calls.

CAUTION

Connect only equipment complying with EN41003 to this FAX.


WARNING

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

ABBR. No. (Abbreviated Number)	The ability to store full telephone numbers into the dialer and then utilizing a short series of keystrokes to speed dial that number in the future.
ADF (Automatic Document Feeder)	The mechanism that delivers a stack of document pages to the scanner one page at a time.
Automatic Reception	The mode that allows you to receive fax documents without user intervention.
BPS (Bits Per Second)	The amount of data that is transmitted over the telephone line. Your apparatus can start at 9600 BPS and automatically steps down to 7200, 4800, 2400 BPS depending on the telephone line condition and the receiving apparatus capabilities.
ITU-T	International Telecommunication Union-Telecommunication. This organization has presently developed four groups of industry standards that insure facsimile compatibility.
ITU-T Test Chart No.1	An industry standard document that allows comparisons of the transmission speeds and capabilities of facsimile apparatus.
Character ID	A programmed proprietary code name that allows up to 16 alphanumeric characters identifying your facsimile apparatus.
Character buttons	The buttons that are used to enter letters and symbols for various programming functions.
Coding Scheme	The data compression method used by facsimile apparatus. Your apparatus utilizes Modified Huffman (MH) coding schemes.
COMM. JOURNAL	Refers to the Communication Journal.
Deferred Transmission	The ability to send documents to other station at a later time.
Direct Dialing	The method of dialing where you enter the entire telephone number through the keypad.
DTMF (Dual Tone Multi-Frequency)	Dialing method that sends a different set of frequencies for each digit of the telephone keypad. Commonly refers to touch tone dialing.
FAX Parameter List	The list that contains the home FAX parameters settings that you have programmed into your apparatus.
Fax/Tel Auto Switch	This feature allows you to use a single telephone line for both fax and voice so that you can save on the cost of installing a second telephone line. When the apparatus answers an incoming call, it will automatically distinguish whether the caller is a fax or voice. If it is a fax call, the apparatus will start receiving the document automatically. If it is a voice call, the apparatus will ring through the built in speaker for your attention.
FUNCTION	The control panel button that will be utilized to begin an operation or configuration of a feature.
G3 Mode (Group 3)	Refers to the standards and transmission capabilities of the current generation of facsimile apparatus.
Halftone	A scanning technique to distinguish levels of gray from black and white. Your apparatus can detect up to 64 levels of gray in halftone mode.

Glossary

Header	A row of information that is transmitted by the sending apparatus and printed on the top of each page by the receiving apparatus. This identifies the transmitting apparatus and information about the transmission, such as time and date.
Header Print	The header will appear at the top of each page received and show the sender's ID, date and time, and page number.
Help Function	When operation guidance is needed, detailed operating instructions can be printed by pressing the HELP button.
ID	A programmable address of up to 20 digits identifying your apparatus.
Information Code	A code that is internally generated by your Fax, stating a specific operational error, apparatus failure or telephone line failure.
IN/OUT Switch	<p>IN (Attended reception) and OUT (Unattended reception) mode can be easily changed by pressing the IN/OUT button. When IN or OUT mode is selected, the reception mode will be set according to the settings in the Fax Parameter.</p> <p>IN Mode :TEL (Fax manual reception) :FAX/TEL Auto Switch</p> <p>OUT Mode :FAX (Fax automatic reception) :FAX/Built-in TAM</p>
Journal	A report that is printed by your apparatus listing the last 10 transmitting and receiving transactions.
Keypad	A group of numeric buttons located on your control panel.
LCD	Liquid Crystal Display. The display area of your apparatus.
Line Holding	You can hold the line by pressing the HOLD button on your control panel. While the line is on hold, the other party will hear hold music. To resume conversation, lift up the handset.
Manual Reception	A mode that requires operator intervention to receive an incoming document.
Modem	A device that converts signals from your fax apparatus into signals that can be transmitted over telephone lines.
NAME	Your programmed company name or your name up to 25 alphanumeric characters.
Silent Reception Mode	The apparatus can receive a call without ringing while FAX/TEL Auto Switch Mode is selected and Timer Switching Mode is set to No-Ringing Mode.
Off-hook dialing	The direct dialing of a telephone number with the handset out of the cradle or "off the hook."
On-hook Dialing	The direct dialing of a telephone number with the handset in the cradle or "on the hook."
One-Touch Dialing	The ability to dial an entire telephone number by pressing one button.
CONTRAST	Signifies the scanning sensitivity in terms of lightness and darkness of your original transmitting pages.

Polling	The ability to retrieve a document from another facsimile apparatus.
Polling Password	A 4-digit programmed code that enables the security of a document being polled.
PSTN	Public Switched Telephone Network. Network of interconnected switching equipment and transmission facilities.
Remote Reception	A function that allows you to activate your fax apparatus to receive from an extension telephone. You may transfer an incoming call to your fax apparatus from an extension phone by pressing the  button twice on a touch tone telephone, or dial "99" on a rotary telephone.
Resolution	Relates to the number of dots scanned or printed per certain square. The quality of the image increases as the number of dots per certain square increases.
Selective Reception	A function that can be set so that your apparatus will receive from only those apparatus programmed into your dialer.
Super Fine Resolution	Super Fine Resolution which is twice as precise as Fine resolution will offer the reproduction of document with high copy quality.
TAM	A Telephone Answering Machine (TAM) which allows the caller to leave a message.
Voice Contact	Voice contact after transmission or reception can be reserved by pressing the MONITOR button while the apparatus is still communicating.

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REMOTE FUNCTION POCKET GUIDE

Call your apparatus from a remote
telephone or fax apparatus.
(Tone dialing must be used.)



You will hear the OGM.

#

Enter the 4-digit
Remote Password.

1 2 3
4 5 6
7 8 9
0

#

Enter the desired Remote
Code by referring to
the Remote Code Table.



Playback Message

▶ **2** **#** ▶ **1** or **3** ▶
(Repeats, Skips)

Erase All Message

▶ **4** **#** ▶

Recording Greeting Message

▶ **5** **2** **#** ▶

Message Transfer (turn On)

▶ **6** **1** **#** ▶

Message Transfer (turn Off)

▶ **6** **2** **#** ▶

Message Transfer (Setting the Tele. No.)

▶ **6** **3** **#** ▶

1	2	3
4	5	6
7	8	9
0		

 New
Tele.
No. ▶ **#** ▶

REMOTE FUNCTION POCKET GUIDE

Call your apparatus from a remote
telephone or fax apparatus.
(Tone dialing must be used.)



You will hear the OGM.

#

Enter the 4-digit
Remote Password.

1 2 3
4 5 6
7 8 9
0

#

Enter the desired Remote
Code by referring to
the Remote Code Table.



Playback Message

▶ **2** **#** ▶ **1** or **3** ▶
(Repeats, Skips)

Erase All Message

▶ **4** **#** ▶

Recording Greeting Message

▶ **5** **2** **#** ▶

Message Transfer (turn On)

▶ **6** **1** **#** ▶

Message Transfer (turn Off)

▶ **6** **2** **#** ▶

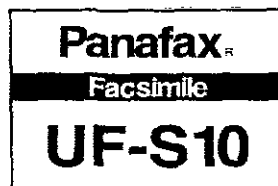
Message Transfer (Setting the Tele. No.)

▶ **6** **3** **#** ▶

1	2	3
4	5	6
7	8	9
0		

 New
Tele.
No. ▶ **#** ▶

652

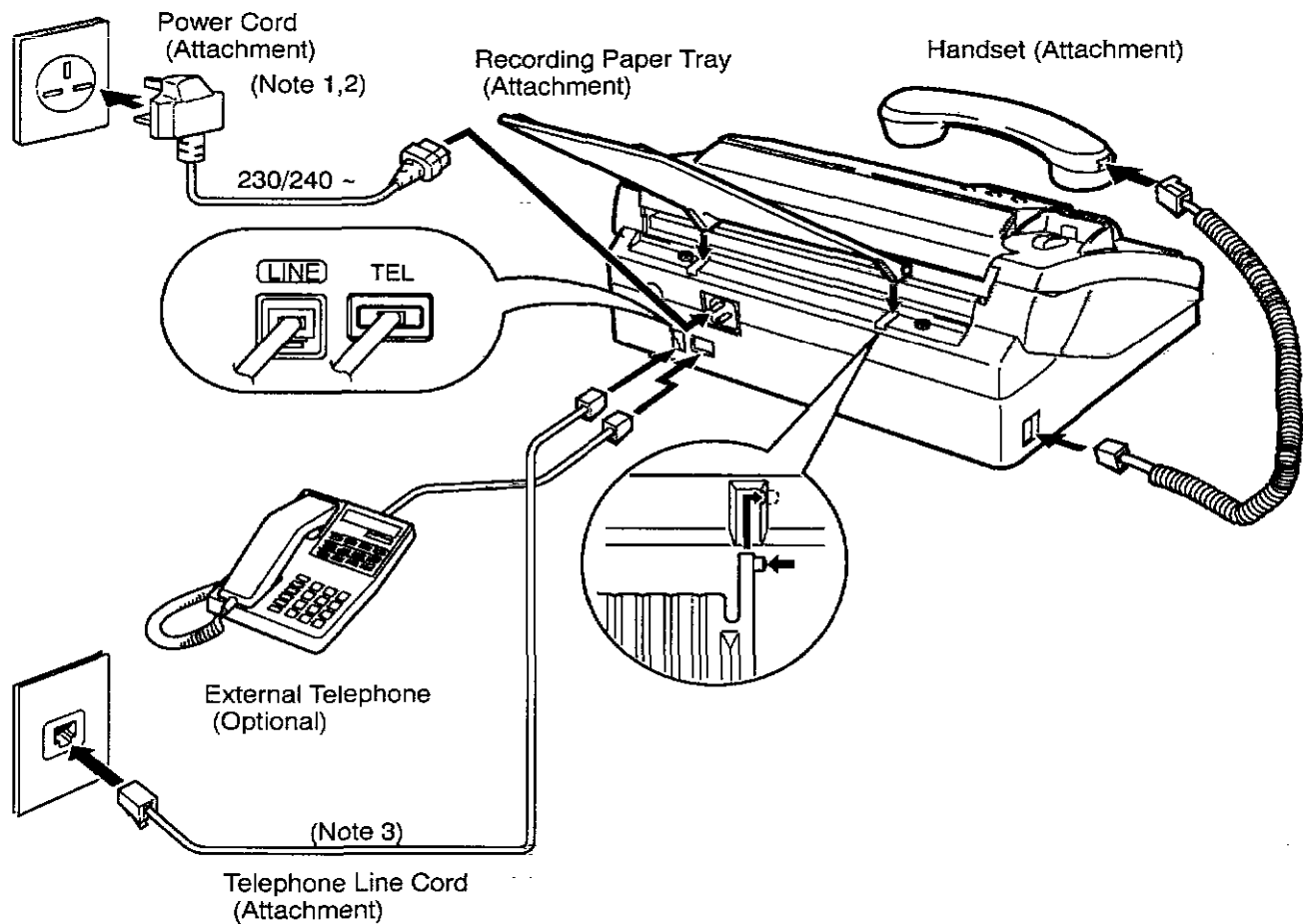


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Quick installation Guide UF-S10

How to Connect the Telephone Line Cord, Power Cord and install
Recording Paper tray, Handset



Note: 1. Your apparatus uses little power and you should keep it "ON" at all times.

2. This apparatus must be properly earthed through an ordinary 13A AC mains plug and socket. If a 13A socket is not provided a qualified electrician should be consulted to ensure suitable connection and earthing is provided.

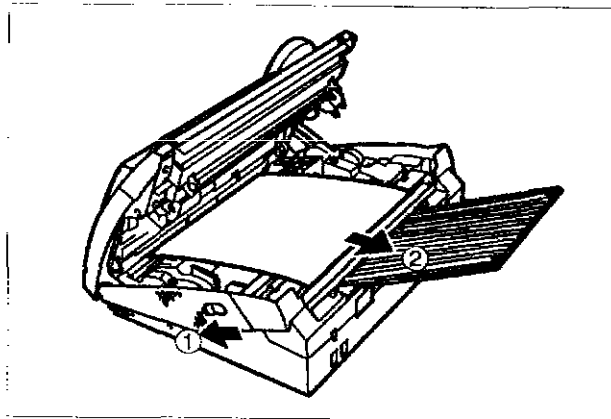
3. The telephone line is supplied at Telecommunication Network Voltage (TNV).

Quick installation Guide

How to remove Protective Sheets and install replacing Recording Paper

When you use for the first time, please remove the Protective Sheet in the apparatus.

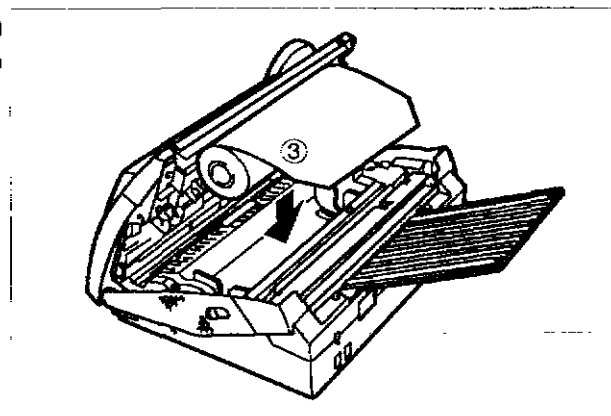
1



① Open the Panel Cover by pulling lever towards you.

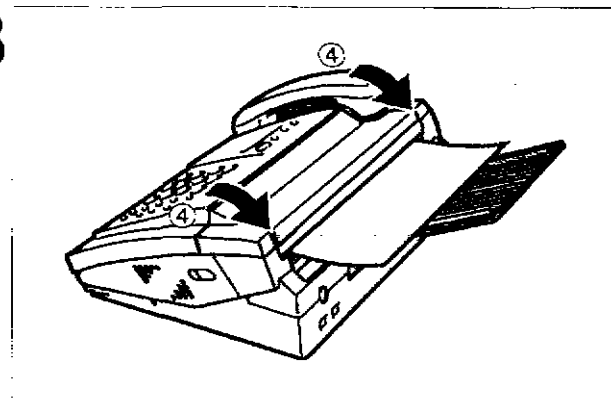
② Remove the Protective Sheet.

2



③ Install the recording paper in the apparatus as shown. The paper **MUST** feed from the top of the roll.

3



④ Close the Panel Cover.

⑤ Push down on each end (▢ area) firmly until you hear the click sound.

The recording paper will automatically feed through the apparatus and cut.

Preparation for Operation

How to set the Date and Time





Operation		User's Guide See P.15
	Enter new data and time. Ex :	

How to record, playback, erase Outgoing Message (OGM)

To Record	or or	User's Guide See P.19
	Record OGM	
To Playback	or or	User's Guide See P.20
To Erase	or or	




Quick Reference Guide

How to make a call

Direct Dialing	 → Enter Tel No. → Conversation → 
Manual Number Dialing	Enter Tel No.  → Conversation → 

User's Guide
See P.27

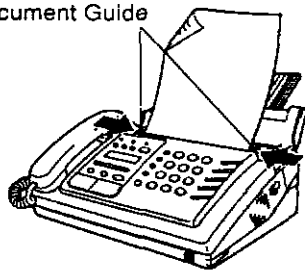
How to play back, erase Incoming Message

Play back Incoming Message (ICM)					
Erase all Incoming Message		START TO ERASE	→	START	DELETED
Erase an Incoming Message (ICM)		→	01 TUE 15:00 05	→	SKIP → ERASE

User's Guide
See P.51











How to load the Document

Document Guide



1. Be sure the document(s) is free of staples, paper clips and is not torn, greasy or covered by foreign objects.
2. Place the document(s) **FACE DOWN** on the Automatic Document Feeder (ADF) until the leading edge placed into the apparatus stops.
If you are sending multiple pages, make sure that the **bottom sheet enters first**. You can also stack up to **10 PAGES** on the ADF at one time. If you have more than 10 pages, wait until transmission starts. As pages are transmitted, place any remaining pages on top of the last page in the feeder.
3. Adjust the Document Guides to centralize the document on the ADF.

How to send Documents

Direct Dialing	 →  Enter Tel No. →  → 
Manual Number Dialing	 → Enter Tel No. → 
One-Touch Dialing	 → 
Abbreviated Dialing	 →  → Enter a 2-digit code.

User's Guide
See P.31

User's Guide
See P.32