

Panasonic

Telephone Answering System
with Facsimile

UNITED KINGDOM MODEL NO. **KX-F2060BE**

OPERATING INSTRUCTIONS



Please read before use.

Ringer Equivalence Number (REN)

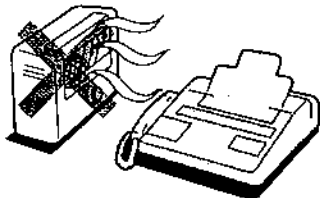
This relates to the performance of the apparatus when used in combination with other items of apparatus. It enables the calculation of the maximum number of items of apparatus that may be connected simultaneously to the line by summing the REN values of each item. A BT supplied instrument has a REN value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

The approval of this apparatus for connection to the telecommunication systems is invalidated if the apparatus is subject to any modification in any material way not authorised by BABT or it is used with or connected to:

- 1) internal software that has not been formally accepted by BABT or
- 2) external control software/control apparatus which causes the operation of the terminal or associated call set up equipment to contravene the requirements of the standard set out in BABT/SITS/82/005S/D.

Precaution

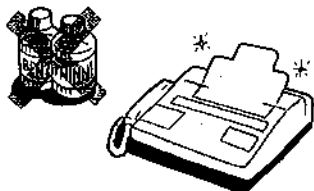
- Keep the unit away from heating appliances such as radiators or air conditioning units.



- The unit and the cassette tape should not be exposed to direct sunlight.



- Do not use benzene, thinner, or the like, or any abrasive powder to clean the cabinet. Wipe it with a soft cloth.



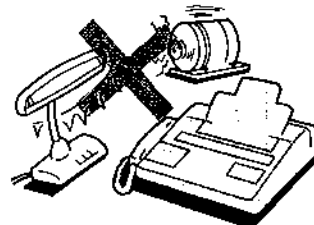
All apparatus connected to the facsimile machine and thereby connected directly or indirectly to telecommunication systems must be approved apparatus as defined in Section 22 of the British Telecommunication Act 1984.

999 can be dialled on the apparatus for the purposes of making outgoing calls to the BT Emergency (999) Service.

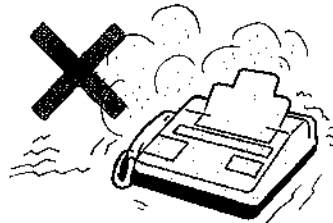
NOTE

- If you experience any problems with the normal use of your apparatus, you should unplug it from the telephone outlet and connect a known working telephone in its place. If the known working telephone still gives problems, then call British Telecom Engineers; if it operates properly, then the problems are likely to be a fault in your apparatus. In this case, consult your supplier for advice.
- British Telecom will charge you if they attend a service call that is not due to apparatus supplied by them.

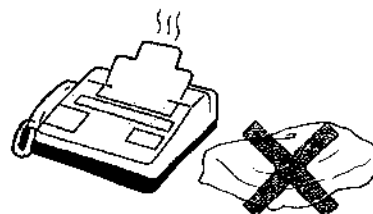
- Keep the unit away from electrical noise generating devices such as fluorescent lamps and motors.



- The unit and the cassette tape should be kept free from dust, moisture, high temperature and vibration.





- Do not place any covering over the unit while it is turned on.



FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience. A 5 amp fuse is fitted in this plug.

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

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

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

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

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

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

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


If a new plug is to be fitted please observe the wiring code as shown below. If in any doubt please consult a qualified electrician.

WARNING: THIS APPLIANCE MUST BE EARTHED.

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

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

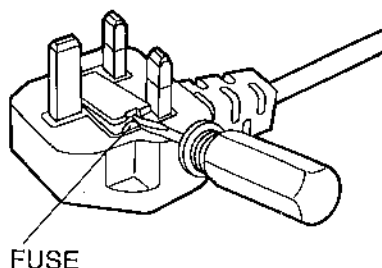
As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.

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

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

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

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



Introduction

The unit has three types of receiving modes.

TAD/FAX mode:

When you wish to use the unit as a telephone answering device and a facsimile, select this mode. When a call is received during your absence, the unit records a voice-message and/or receives a document automatically depending on the caller's choice. In this mode, you also are able to speak with the other party and transmit/receive a document manually.

- a) If the unit detects a fax tone while playing your outgoing message (OGM), it will switch automatically to the fax mode.
- b) If the other party presses the asterisk (*) key during the OGM or incoming message recording mode, it will switch automatically to the fax mode.
- c) If the caller's voice is heard within 5 seconds after the beep of the end of the OGM, the unit functions as an answering device.

FAX mode:

When you wish to use the unit as a facsimile machine only, select this mode.

If someone calls you when your unit is in the FAX mode, a fax tone sounds and the person cannot talk to you. Please inform your callers that this is a fax only telephone number.

When in the FAX mode, you may still use the fax telephone to place outgoing voice calls.

TEL (Telephone) mode:

When you wish to use the unit as a standard telephone, select this mode. If you wish to receive an incoming fax during a telephone conversation, press the START/COPY button.

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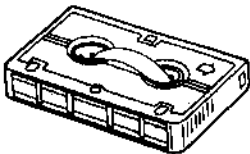
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1 Installation and Initial Preparation

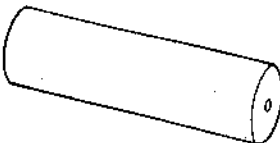
1.1 Enclosures

- 1. Carefully remove the unit from the packing carton.
- 2. Examine the unit for signs of shipping damage.
- 3. All of the necessary enclosures, hardware, etc., are packed with the unit. Make sure that you have removed all enclosures before discarding the packing materials.
- 4. Check that all of the enclosures are included. If you are missing any item, consult your place of purchase.

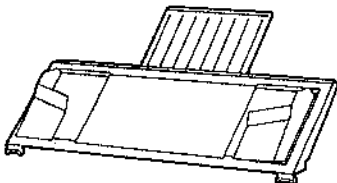
Micro cassette tape one



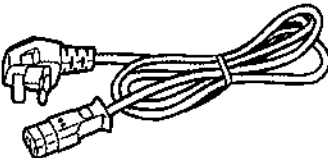
Recording paper one



Document feeder tray one

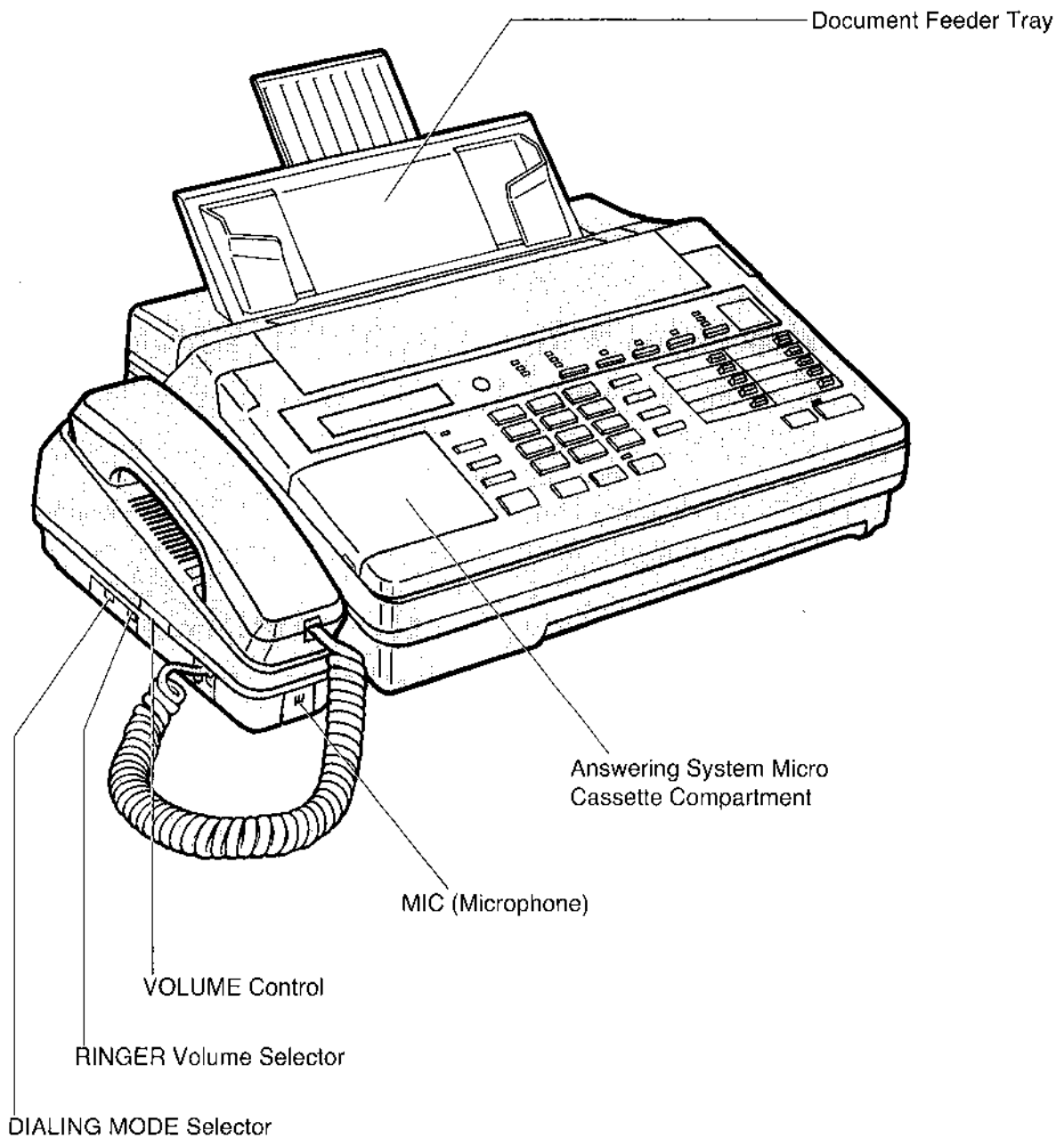


Mains lead one

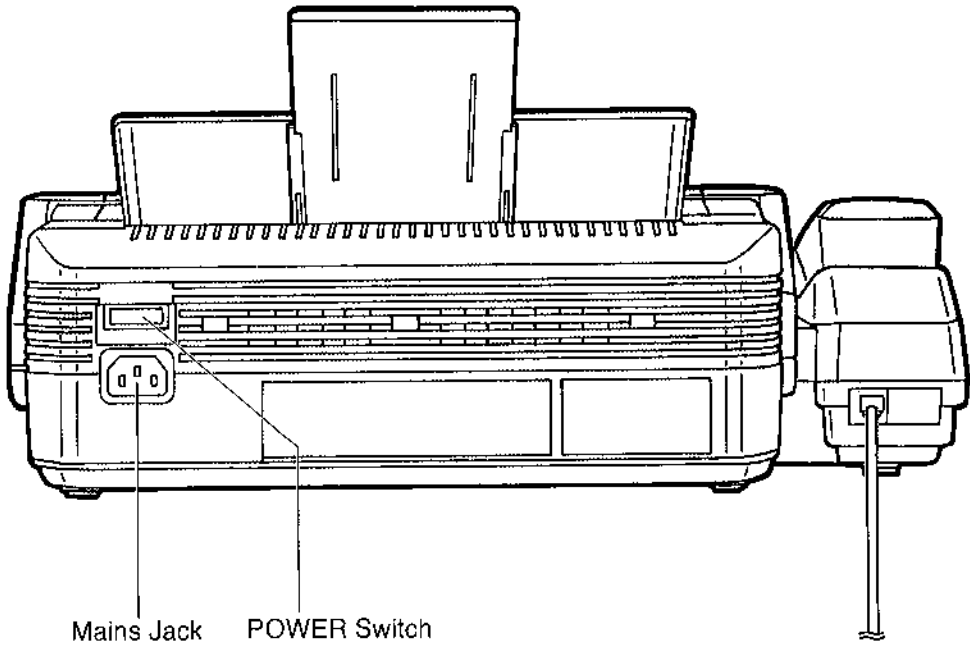


1.2 Location of controls

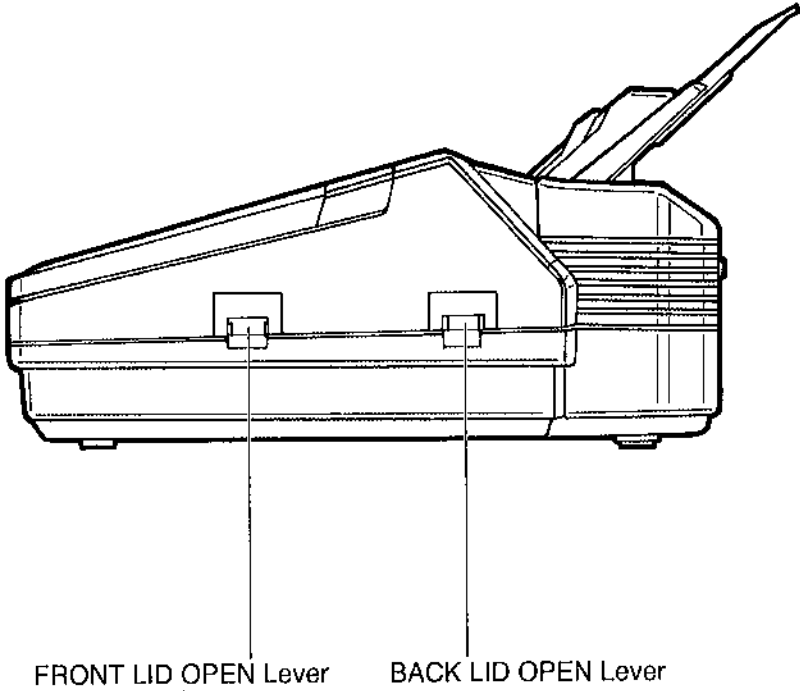
Front view



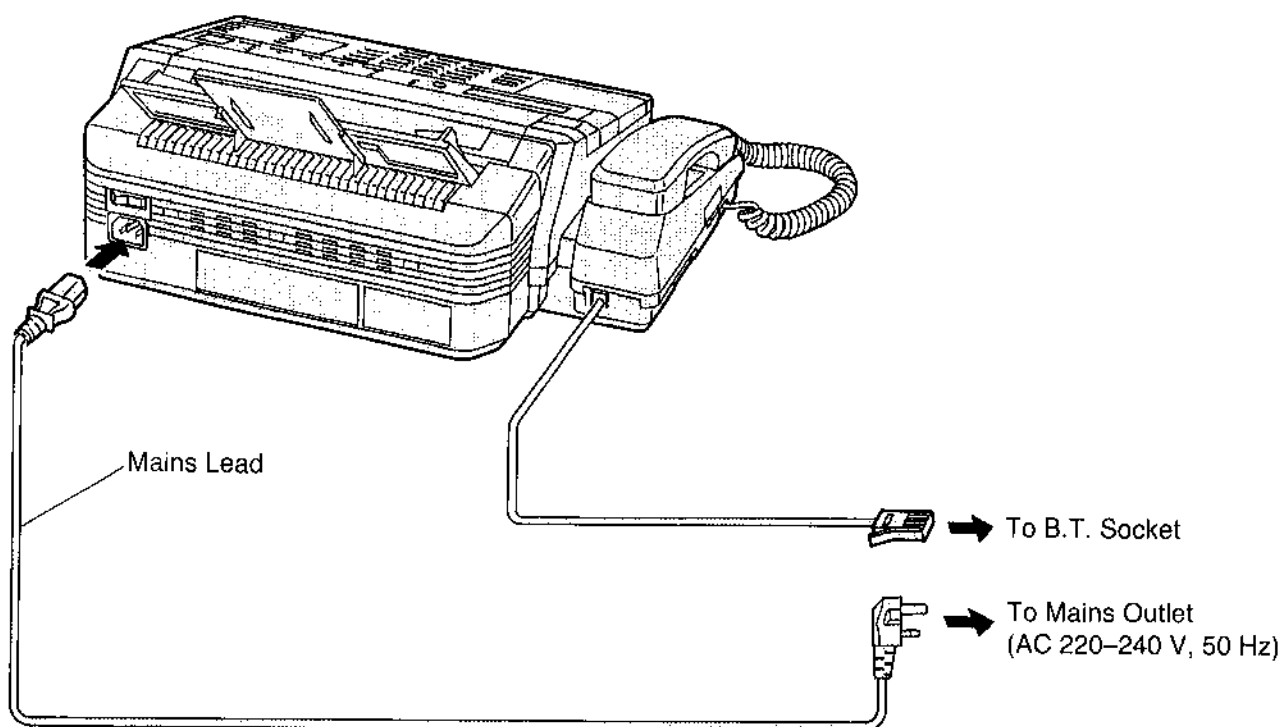
Rear view



Side view



1.3 Installation connections

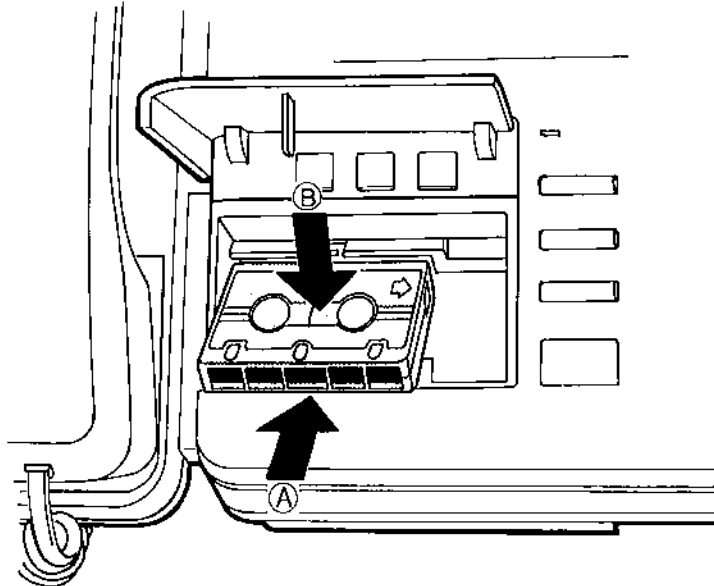


- When a mains power failure takes place or the switch is turned off, you can only use the unit as a standard telephone.
- If you connect another extension to the same line that your unit is connected to, do not use another telephone during fax transmission and reception. It will affect image quality.
- The socket outlet should be placed close to the equipment and should be easily accessible.

1.4 Micro cassette tape installation

To record your outgoing message, install a micro cassette tape first.

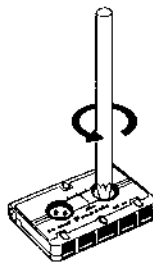
- 1 Lift the cassette compartment cover.
- 2 Insert the cassette tape into the compartment by
 - Ⓐ Slide in.
 - Ⓑ Push down.



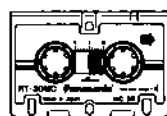
- 3 Close the compartment cover.

Cassette tape

- Make sure that there is no slack in the tape. If there is any slack, remove it by rotating the tape reel with an instrument like a pencil, as shown.



- For optimum sound quality and performance, we recommend that you use the opposite side (side-2) after six months and replace the tape with a new one every year, assuming that the unit answers about ten calls a day.
- Never place a cassette tape near a magnetic source such as a magnet or a TV set; it may erase or distort the recorded message on the tape.
- Should the cassette tape break or become worn, replace it with a new one. We recommend using the Panasonic cassette tape RT-30MC or RT-60MC.



RT-30MC



RT-60MC

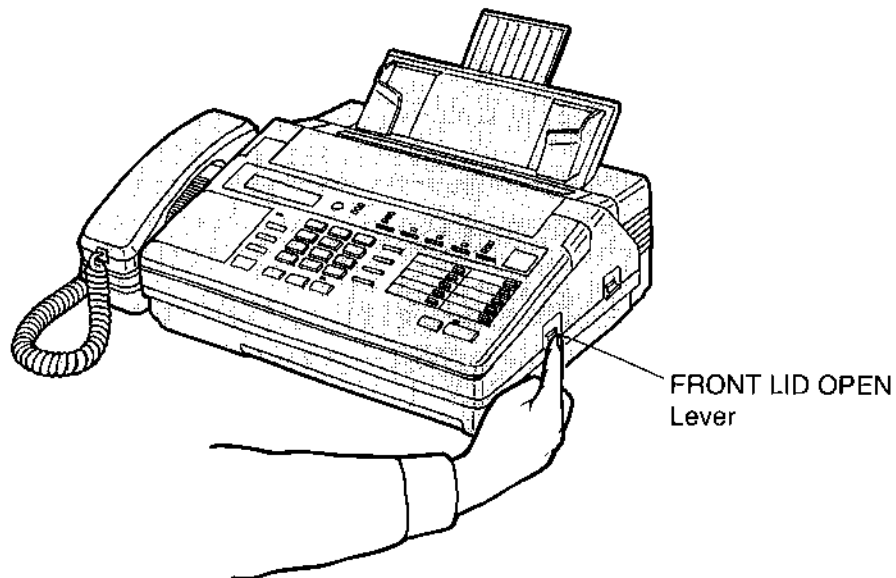
1.5 Recording paper installation

Follow the steps below to install a new roll of recording paper.

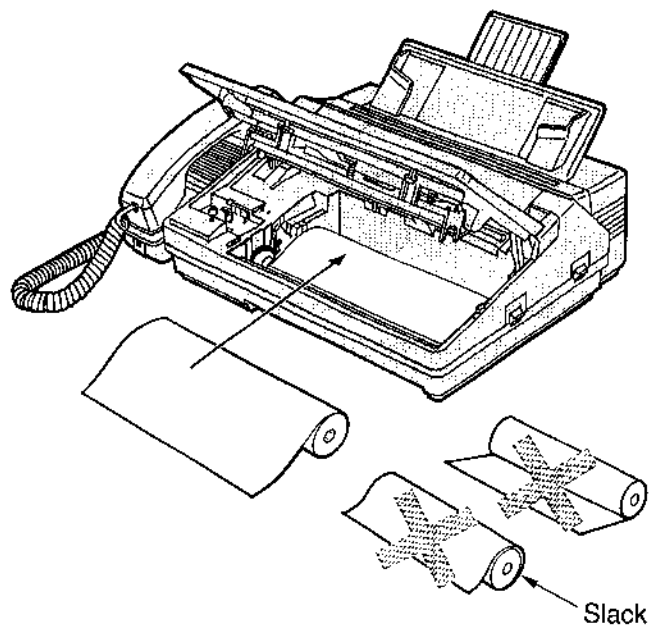
Caution:

- Use only the included roll or specified recording paper (Part No. KX-A108), or else the print quality may be affected or excessive thermal head wear may occur.

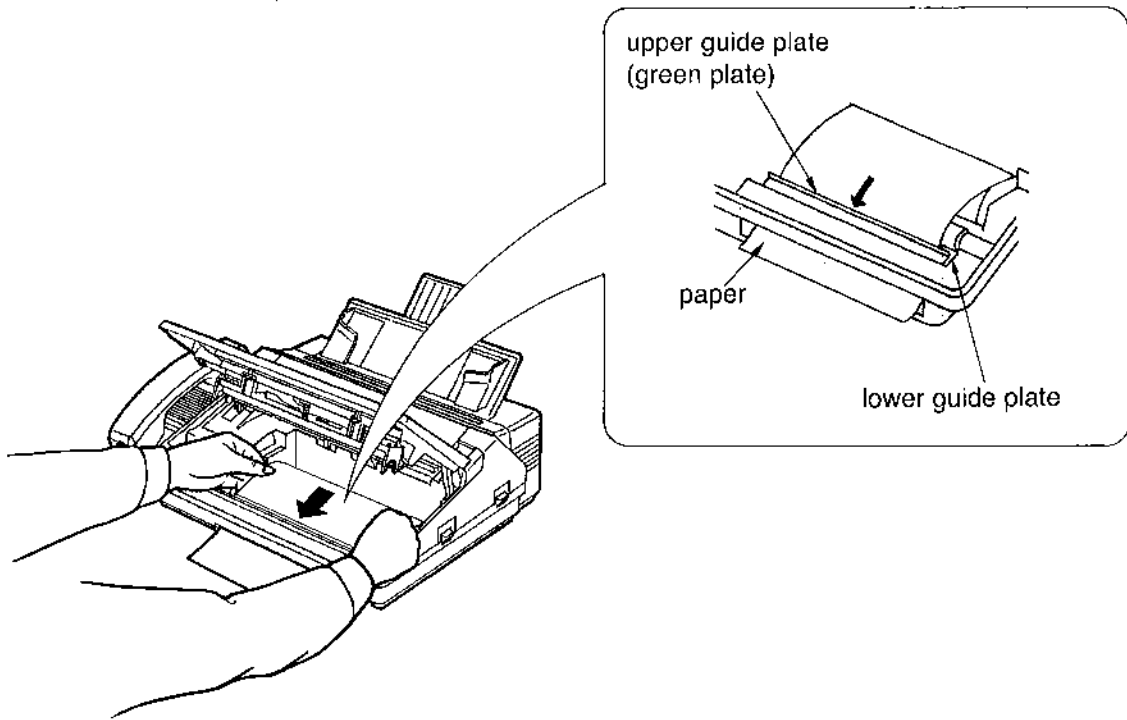
- 1 Press the FRONT LID OPEN lever down to open the cover.



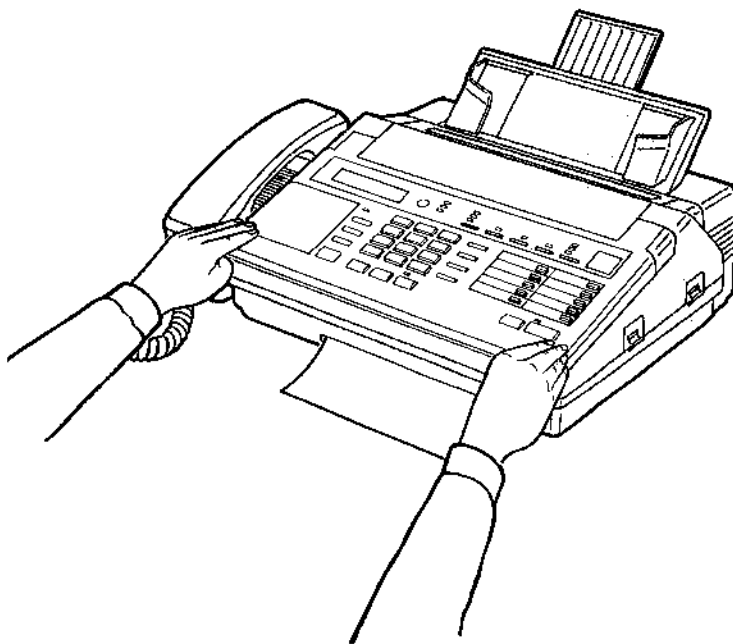
- 2 Place a recording paper roll into the paper compartment. Make sure that the shiny side of the paper is facing up and that there is no slack in the paper roll.



- 3 Insert the recording paper between the upper and the lower guide plates and pull the paper a few centimetres out of the unit.

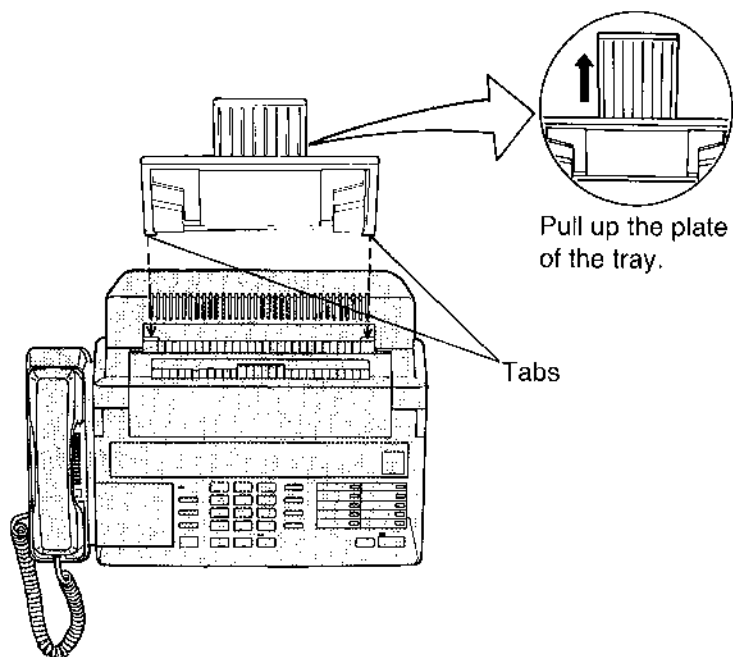


- 4 Close the cover carefully by pressing down on both ends gently.

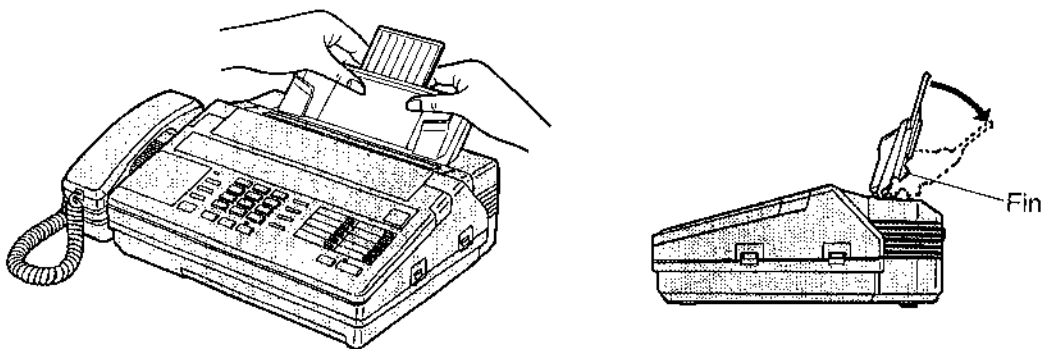


1.6 Document feeder tray installation

- 1 Insert the two tabs of the document feeder tray into the two grooves on the unit.



- 2 Press the centre of the tray back with both hands until the two fins on the rear of the tray click into place.

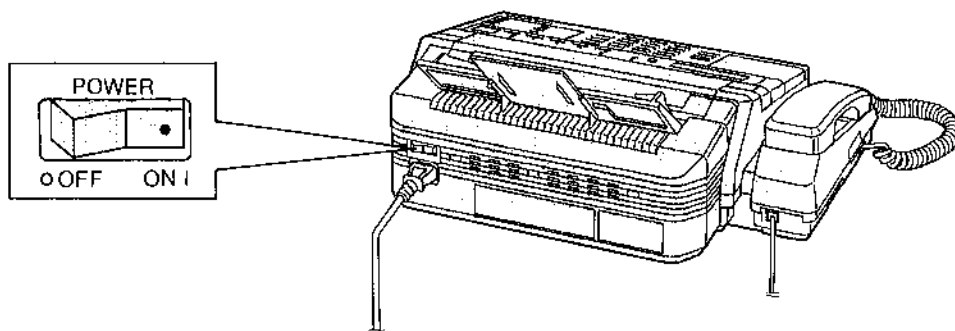


1.7 Turning the POWER switch on

Before turning the POWER switch on, confirm the following:

1. The cassette tape and the recording paper are installed properly.
2. The handset is on the cradle.

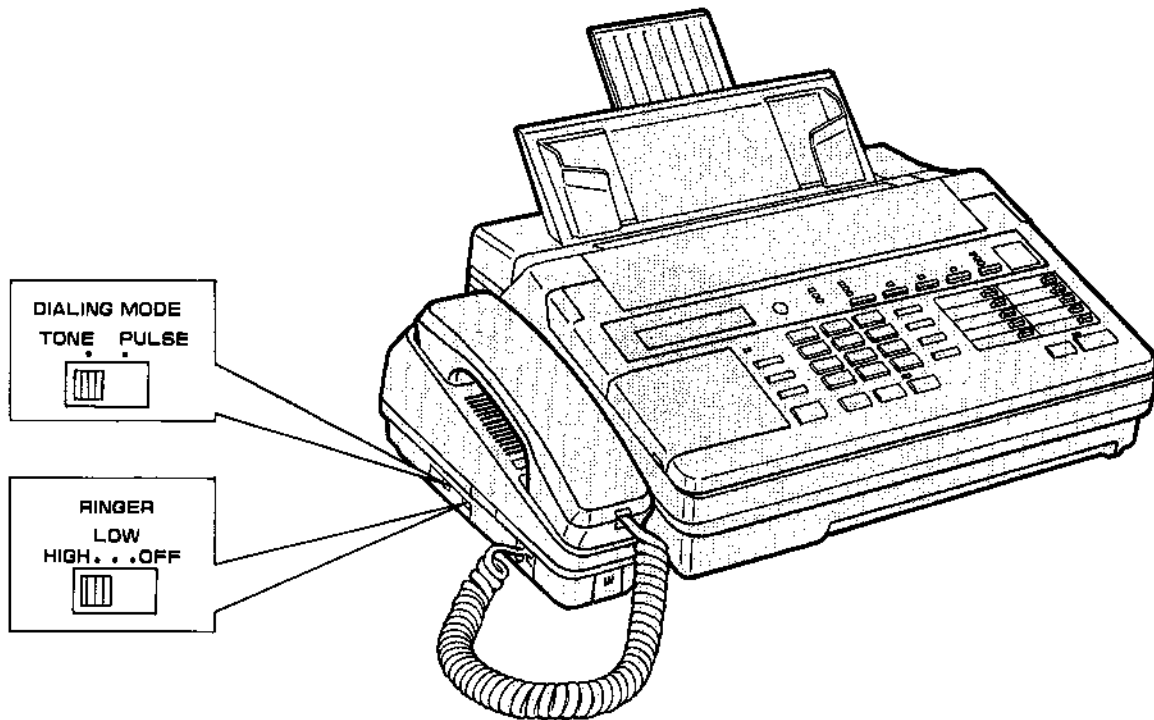
Turn the POWER switch to the ON (I) position.



Note:

- When you use the unit for the first time, the display shows "E-30". Record your outgoing message (OGM). See page 22.

1.8 Selector settings



DIALING MODE Selector:

If your line has;

1. Touch tone service, set to TONE.
2. Rotary pulse dial service, set to PULSE.

RINGER Volume Selector:

HIGH: The ringing sound will be loud.

LOW: The ringing sound will be soft.

OFF: The unit will not ring.

Note:

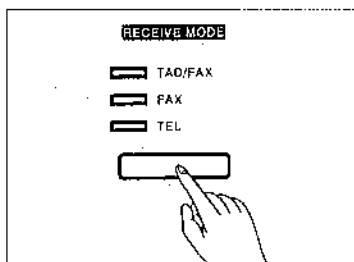
● You can ascertain which type of local BT exchange you are connected to using the following procedure.

1. Ensure that the DIALING MODE selector is set to TONE.
2. Lift the handset, then identify the dial tone.
3. Dial a number you are familiar with.
4. If the call is successful, you are connected to a Tone exchange, therefore leave the DIALING MODE selector to TONE.
5. If the call is not successful, you are connected to a Pulse exchange. Therefore switch the DIALING MODE selector back to PULSE.

1.9 Setting the RECEIVE MODE

The unit has three types of receiving modes:

- A) TAD/FAX —When you want to use as TAD (Telephone Answering Device) and facsimile.
- B) FAX —When you want to use as facsimile only.
- C) TEL —When you want to use as a standard telephone only.



Press the RECEIVE MODE button to set to TAD/FAX, FAX or TEL.

Helpful hints:

■ TAD/FAX mode

The unit will automatically distinguish between voice and fax calls. If a fax tone is heard, the unit will switch automatically to the fax mode. If the caller's voice is heard within 5 seconds after the beep of the end of the outgoing message (OGM), the answering device will receive message. You are also able to speak with the other party and transmit or receive documents.

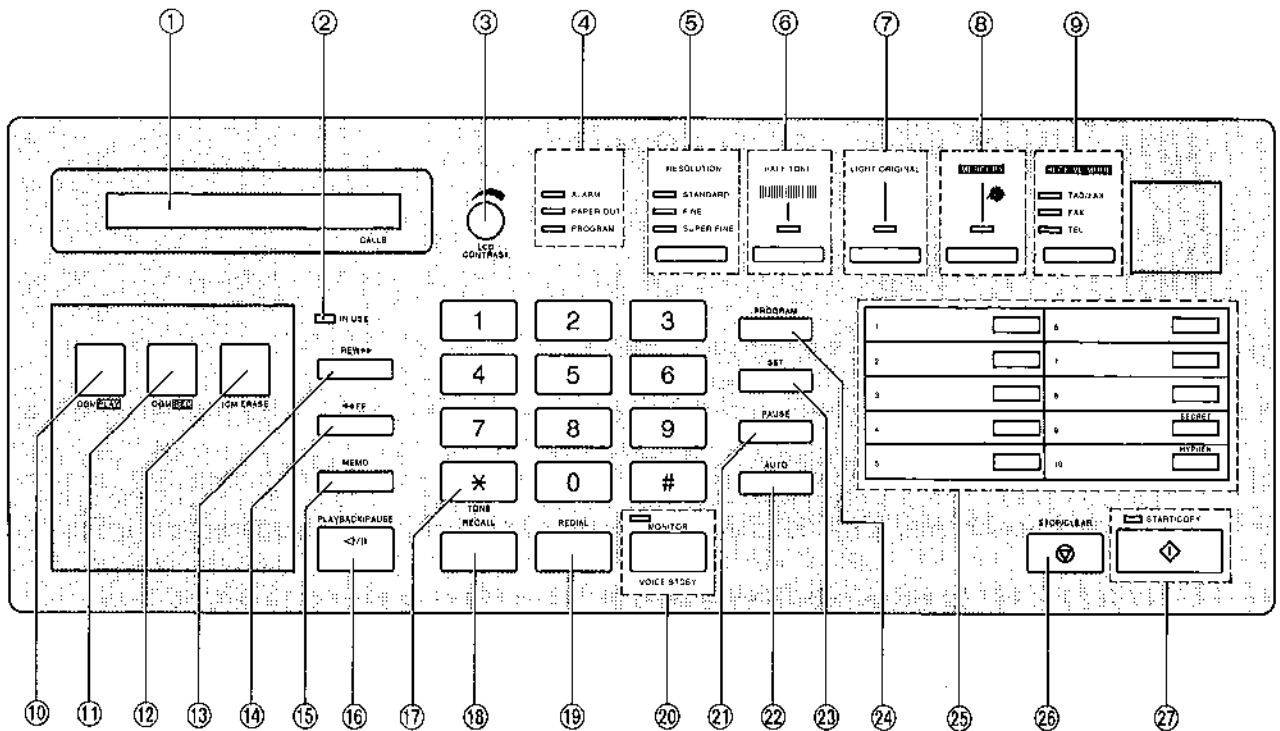
■ FAX mode

When the unit is in this mode, you will only be able to receive fax calls. You are still able to make outgoing voice calls.

■ TEL mode

For use as a standard telephone, you can also receive a fax during telephone conversation by pressing the START/COPY button.

1.10 The buttons and indicators



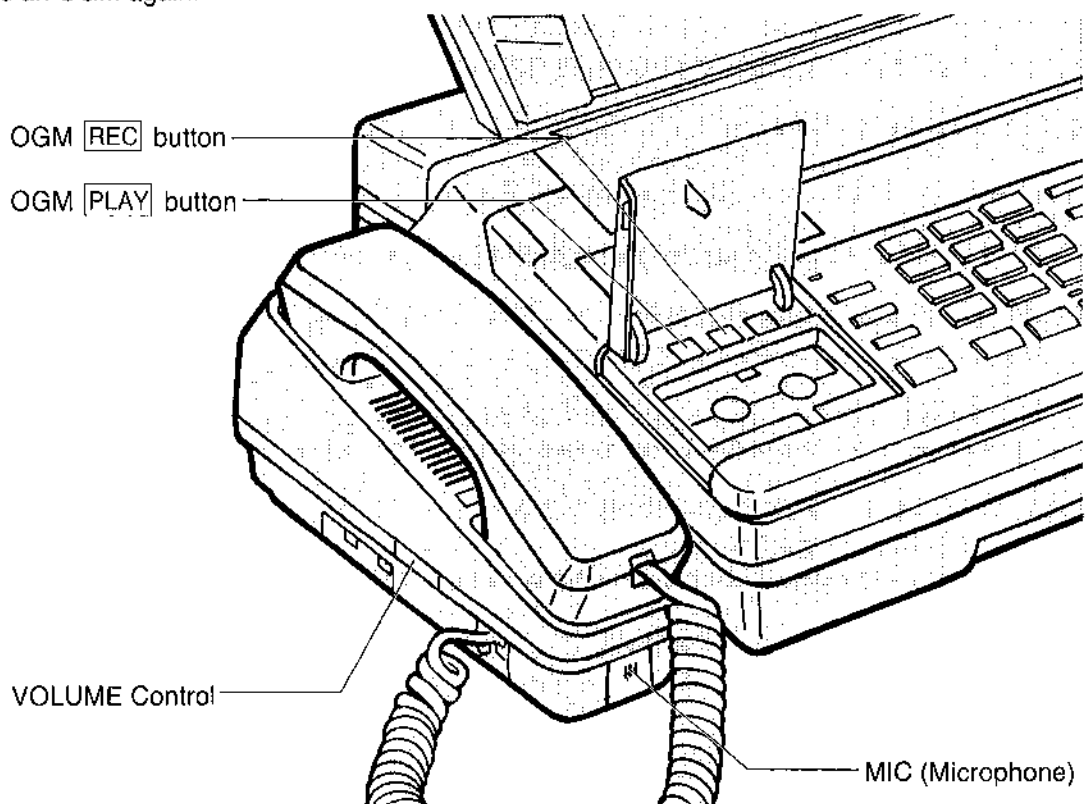
- ① **LCD (Liquid Crystal Display)**
- ② **IN USE Indicator**
The indicator lights or flashes when the answering device is in use.
- ③ **LCD CONTRAST Control**
Rotate to adjust to the best display intensity.
- ④ **ALARM Indicator (Page 89)**
The indicator lights when any trouble occurs.
PAPER OUT Indicator (Page 91)
The indicator lights when the recording paper roll is empty.
PROGRAM Indicator
The indicator lights or flashes when you are programming the unit.
- ⑤ **RESOLUTION Button and Indicators (Page 37)**
Used to adjust scanning line density. The indicators light to show which setting you are using.
- ⑥ **HALF TONE Button and Indicator (Page 37)**
Press to send a document containing photographs, shaded drawings and the like. The indicator lights when this feature is on.
- ⑦ **LIGHT ORIGINAL Button and Indicator (Page 37)**
Used to transmit or copy originals with faint writing. The indicator lights when this feature is on.
- ⑧ **MERCURY Button and Indicator (Pages 69 to 72)**
Used to store Mercury access number and authorisation code and make calls using Mercury network.
- ⑨ **RECEIVE MODE Button and Indicators (Pages 19 and 41)**
Used to select the desired receiving mode. The indicators light to show the mode in which the unit is set.

- ⑩ **OGM PLAY Button (Page 23)**
Used to replay your outgoing message.
- ⑪ **OGM REC Button (Page 23)**
Used to record your outgoing message.
- ⑫ **ICM ERASE Button (Page 45)**
Used to erase recorded incoming messages at high speed.
- ⑬ **REW (REWIND) Button (Page 45)**
Used to run the tape quickly backward to a desired point.
- ⑭ **FF (FAST FORWARD) Button (Page 45)**
Used to run the tape quickly forward to a desired point.
- ⑮ **MEMO Button (Page 48)**
Used to start and stop recording of a memo message.
- ⑯ **PLAYBACK/PAUSE Button (Pages 45, 46 and 47)**
Used to play back recorded messages, or interrupt playback or FF/REW operation.
- ⑰ **TONE Button (Page 73)**
Used to change the dialling mode from pulse to tone during a dialling operation.
- ⑱ **RECALL Button (Page 73)**
Used to access some features of your host PABX (Private Automatic Branch Exchange).
- ⑲ **REDIAL Button (Pages 39 and 49)**
Used to redial the last dialled number.
- ⑳ **MONITOR (VOICE STDBY) Button and Indicator (Pages 38, 42 and 49)**
Used for on-hook dialling and voice contact features. The indicator lights when these functions are on.
- ㉑ **PAUSE Button (Page 74)**
Used to insert a pause into a phone number during a dialling operation or programming.
- ㉒ **AUTO Button (Pages 32, 40 and 50)**
Used for speed dialling.
- ㉓ **SET Button**
Used to store parameters during programming.
- ㉔ **PROGRAM Button**
Used to start or end programming functions.
- ㉕ **Direct Call Station Keys (Pages 31, 40 and 50)**
Used for one touch dialling.
- ㉖ **STOP/CLEAR Button (Pages 31, 40 and 51)**
Used to cancel transmission or copying operation. Also used during programming to clear the previously entered parameters.
- ㉗ **START/COPY Button and Indicator (Pages 38, 39, 41 and 51)**
Used to start transmission and copy functions. The indicator lights when these functions are on.

2 Setting up Your Unit

2.1 Recording an outgoing message (OGM)

- The outgoing message (OGM) tells the caller that you are out, and to leave a voice-message or to send a fax message. Before using your unit as both an answering device and a facsimile, you should first record your OGM.
- You can store a personal OGM up to 16 seconds on the voice-recordable microchip. Once recorded, the OGM will be automatically recorded on the micro cassette tape as a backup in case of power failure.
- If a power failure takes place or the POWER switch is turned off, the OGM recorded on the microchip will be erased. However, after the power is restored, the unit will automatically re-record the OGM onto the microchip using the OGM recorded on the tape. You need not re-record your OGM.
- When you replace the cassette tape with a new one or you use the opposite side (side-2), you have to record an OGM again.



2.1.1 Suggested message

*"This is (your name, business and/or telephone number). To send a fax, start transmission. To leave a message, speak after the long beep. **If the beep sounds 6 times, your message will not be recorded. Please call back tomorrow. Thank you.**"*

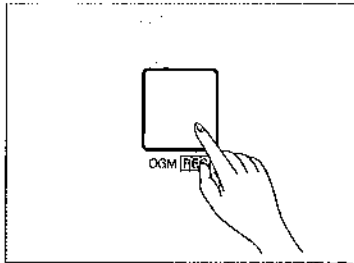
You can choose from two lengths of recording times for incoming messages. When the unit is in the LONG position, the recording time is limited to 2 minutes 30 seconds, and when in the SHORT position, the recording time is limited to 1 minute.

Note:

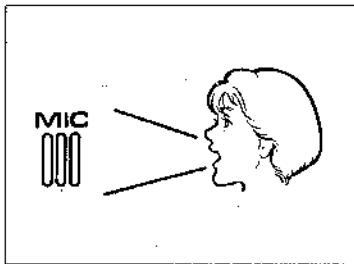
- The unit is preprogrammed to the LONG position. To change the recording time, see page 76.
- When the tape is very nearly full, the unit will give 6 beep tones. This indicates that no more messages will be recorded. Future callers will receive 6 beep tones when trying to leave further message. Therefore, the OGM must indicate this point (printed in bold-face above).

2.1.2 Recording your OGM

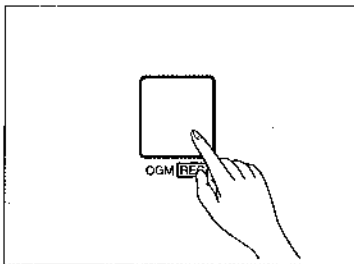
- The recording time is limited to 16 seconds. For optimum performance, we recommend that you record your OGM within 12 seconds. If you do not finish the recording within 16 seconds, the unit automatically stops and the rest of your message will not be recorded.
- Do not pause for over 2 seconds while recording your OGM. If 16 seconds pass or a pause continues for more than 2 seconds, a beep sounds 6 times and the unit will finish recording.



- 1 Press the OGM REC button until a long beep is heard, then release it.



- 2 After the beep, speak immediately, clearly and loudly, toward the microphone from a distance of approximately 20 cm.



- 3 To stop recording, press the OGM REC button again.

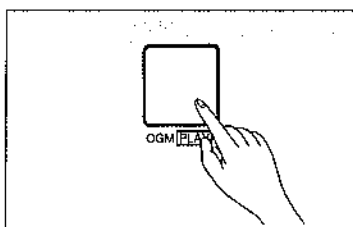
- 4 The unit plays the stored OGM so that you can confirm it. Adjust the VOLUME control to a suitable level.

- 5 The unit plays the stored OGM again to record it on the micro cassette tape as a backup.

Note:

- If you make a mistake while recording, repeat from step 1.
- It is helpful to include a statement of your answering telephone number with the exchange name or national code in OGM.
An OGM should begin within 3 seconds of answering, of paytone ceasing, or of answering ceasing, as appropriate.
- Paytone may be received after answering calls from some types of payphone and may persist for up to 13 seconds.
The OGM should be constructed so as to ensure that an OGM containing the identity of the called line and, where appropriate, the invitation to record, will be heard by payphone callers after paytone has ceased.

2.1.3 Verifying or changing your OGM



Press the OGM PLAY button.

The unit replays your OGM.

If you want to change your OGM, perform the operation on this page again. The previous message will be automatically erased and a new message will be recorded.

2.2 Programming functions

The following functions are user selectable. The most probable choices have been preselected for you (default), but may be changed as needed.

Code	Function	Default	Reference
#01	SET DATE	Jan.1 1992 12:00AM	page 25
#02	YOUR LOGO	(not entered)	pages 26 to 28
#04	YOUR TELEPHONE NUMBER	(not entered)	pages 26 and 29
#05	FAX LOGO HEADING	ON	page 75
#06	REMOTE TAD ID	111	page 64
#08	PRIVACY RING ID	333	page 61
#10	JOURNAL AUTO PRINT	ON	pages 80 and 81
#11	PRINT TX REPORT	OFF	page 83
#12	NETWORK PASSCODE	0000	page 58
#14	TX PASSCODE CHECK	OFF	page 59
#15	RX PASSCODE CHECK	OFF	page 60
#16	POLLING PASSWORD	0000	page 56
#17	FAX TX SPEED	9600 BPS	page 75
#18	FAX RX SPEED	9600 BPS	page 76
#23	POLLING	OFF	page 54
#30	RECORDING TIME	LONG	page 76
#32	TAD/FAX RING COUNT	2	page 77
#33	FAX RING COUNT	2	page 78
#34	AUTO RECEIVE TIMER	OFF	pages 52 and 53
#37	RECALL MODE	Time Break	page 78
#40	PRINT JOURNAL		page 82
#41	PRINT TEL LIST		pages 84 and 85
#42	PRINTER TEST		page 91
#43	PRINT CHARACTER CODE		page 86
#50	RESET USER PROGRAMMABLE FUNCTIONS (#05 TO #37)		page 79
#51	RESET MERCURY DIAL MEMORY		page 72

For your convenience, please set the following functions first.

- #01 SET DATE
- #02 YOUR LOGO
- #04 YOUR TELEPHONE NUMBER

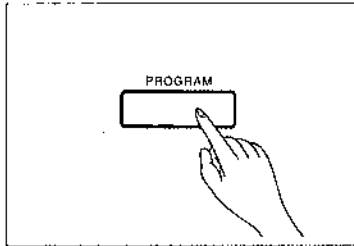
Note:

- You can obtain the SYSTEM SETUP LIST to confirm your current settings of programming functions. See page 87.

2.3 Setting date and time

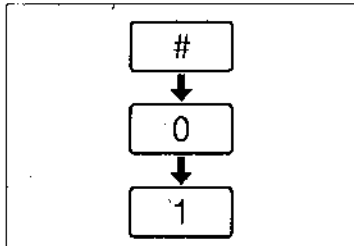
The date and time appear on the top line of all the documents you transmit and the fax communication reports such as JOURNAL report and TX (transmission) report.

When the unit is in idle status, the display shows the current time and the number of recorded incoming messages. Entered "month/day/year" are not displayed.



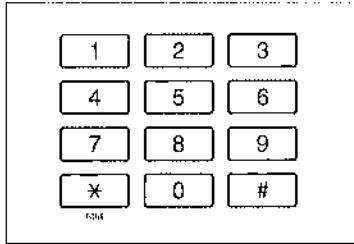
- 1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".



- 2 Press "#", then press "01".

The display shows "P-F01 mm-dd yyyy".



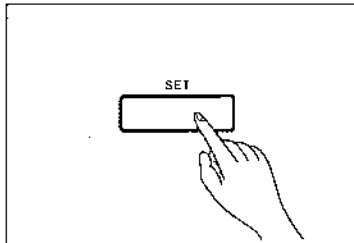
- 3 Enter current month/day/year using the dial keypad.

Example: Aug. 20 1992.

Press "08", "20" and "1992".

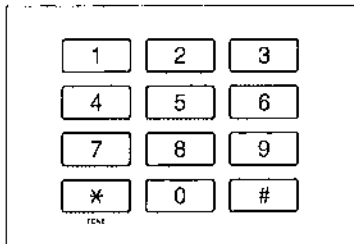
The display shows "P-F01 08-20 1992".

To correct an error while programming, press the STOP/CLEAR button, then correct input.



- 4 Press the SET button.

The display shows "AM P-F01 hh-mm".



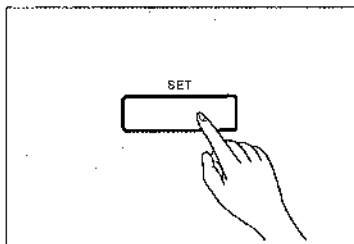
- 5 Enter the current time (hour/minutes) by selecting each 2 digits.

Example: 3:45 PM.

Press "03" and "45".

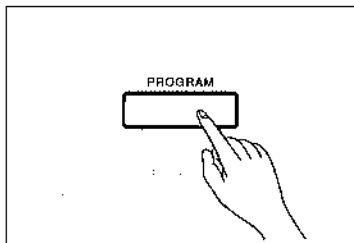
PM or AM is shown alternately by each press of "*".

The display shows "PM P-F01 03-45".



- 6 Press the SET button.

The display shows "P-_".



- 7 Press the PROGRAM button to end the operation.

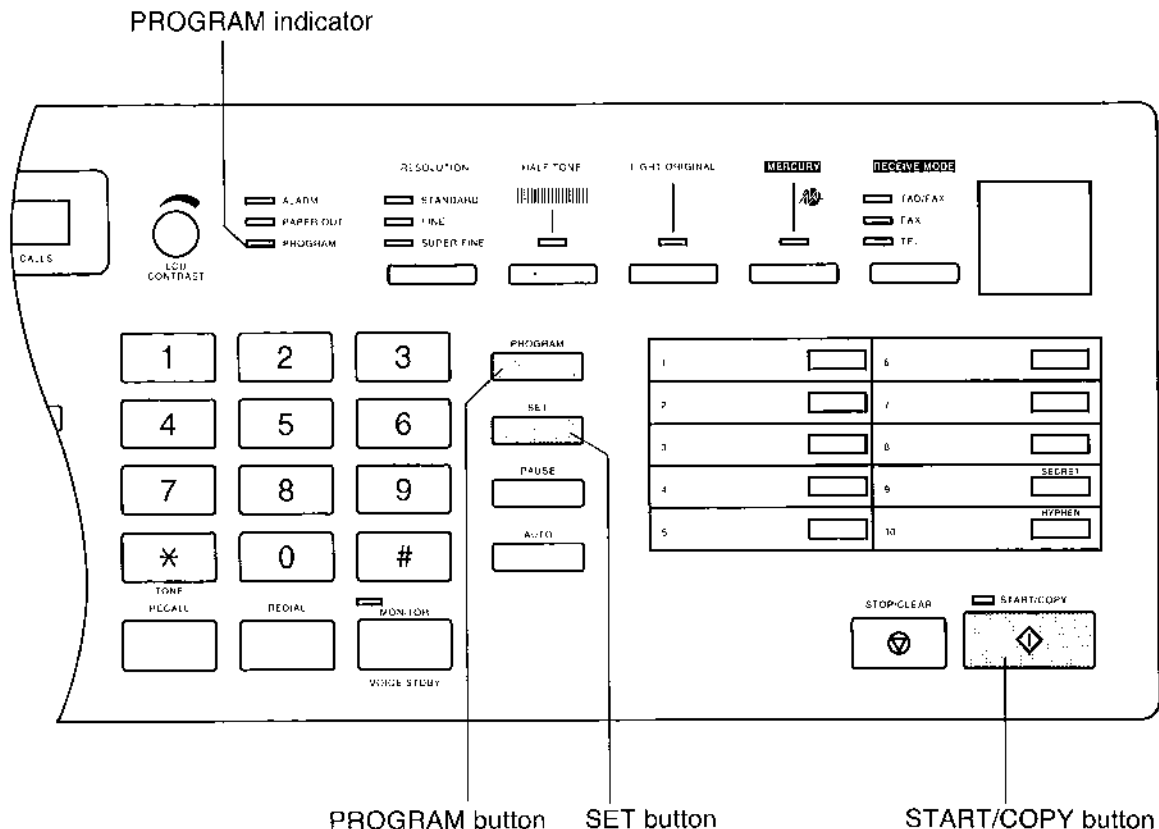
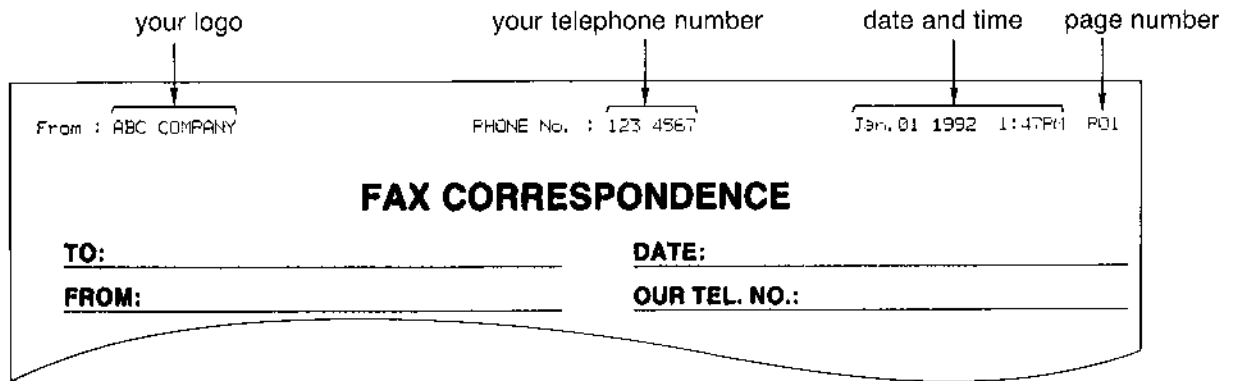
The PROGRAM indicator goes out

2.4 Programming your logo and fax telephone number identifiers

YOUR LOGO: The logo is used to identify fax documents sent by your unit. It may consist of alphanumeric letters and symbols. Usually the logo is a company, division or personal name in an abbreviated form. Your programmed logo will be printed on the top of all pages transmitted from your unit. Your printed logo can be up to 30 digits long.

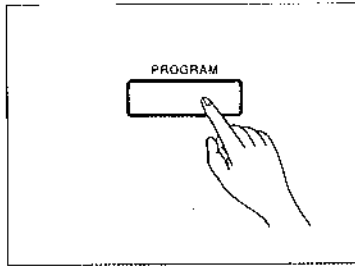
YOUR TELEPHONE NUMBER: Your facsimile telephone number can be programmed into your unit. When you transmit a document, your programmed number will be printed on the top of all pages transmitted from your unit. The unit can hold your phone number up to 20 digits long.

2.4.1 Sample page sent by your unit



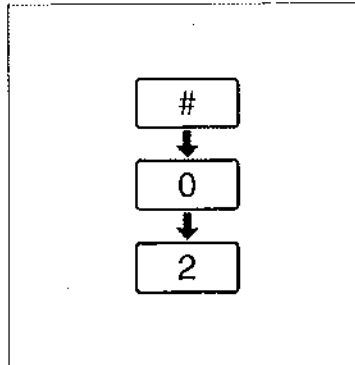
2.4.2 Programming your logo

To enter each character, select the correct code (2 digits) referring to the character code table on page 28, and program as shown below.



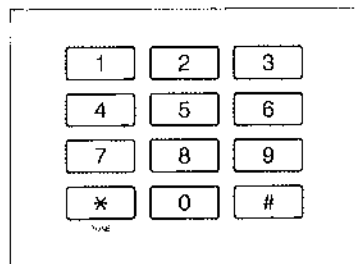
- 1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".



- 2 Press "#", then press "02" for YOUR LOGO setting.

The display shows "P-F02".

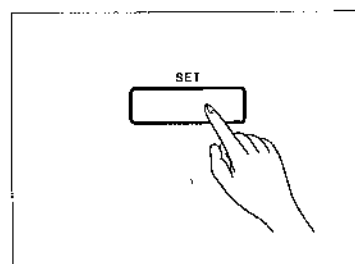


- 3 Enter your logo by using the dial keypad.

The logo can be up to 30 characters long.
Refer to the character code table on page 28.

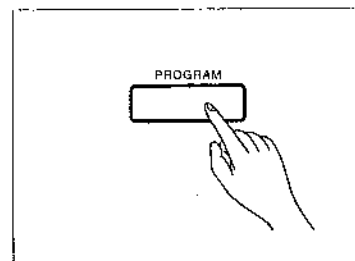
Example: If you want to program your logo as "ABC
COMPANY", press "30 31 32 01 32 44 42 45
30 43 54".

To print out your logo for confirmation during programming, press the START/COPY button.



- 4 When you have finished, press the SET button to store the program into memory.

The display shows "P-_".



- 5 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

Character code table

Input	Code	Input	Code	Input	Code	Input	Code	Input	Code
(NOTE1)	00	)	10	0	20	A	30	K	40
(space)	01	*	11	1	21	B	31	L	41
!	02	+	12	2	22	C	32	M	42
"	03	,	13	3	23	D	33	N	43
#	04	-	14	4	24	E	34	O	44
\$	05	.	15	5	25	F	35	P	45
%	06	/	16	6	26	G	36	Q	46
&	07	:	17	7	27	H	37	R	47
'	08	;	18	8	28	I	38	S	48
(	09	<	19	9	29	J	39	T	49

Input	Code	Input	Code	Input	Code	Input	Code	Input	Code
U	50	a	60	k	70	u	80	_	90
V	51	b	61	l	71	v	81	'	91
W	52	c	62	m	72	w	82	{	92
X	53	d	63	n	73	x	83	|	93
Y	54	e	64	o	74	y	84	}	94
Z	55	f	65	p	75	z	85	→	95
=	56	g	66	q	76	[	86	(NOTE2)	96
>	57	h	67	r	77	¥	87		
?	58	i	68	s	78	]	88		
@	59	j	69	t	79	^	89		

NOTE1: Enter "00" to erase all of the characters that have been programmed. (All Clear)

NOTE2: Enter "96" to delete the last character. (Back Space)

- Check your logo and codes referring to the character code table before programming.

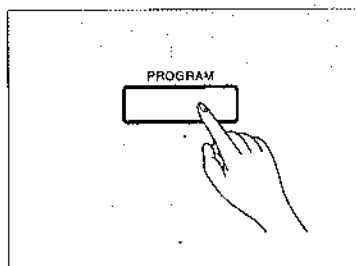
Example: If the logo is Panasonic, fill out the form as follows.

	5					10							
Input	P	a	n	a	s	o	n	i	c				
Code	45	60	73	60	78	74	73	68	62				

Write your own logo and its code in the form below.

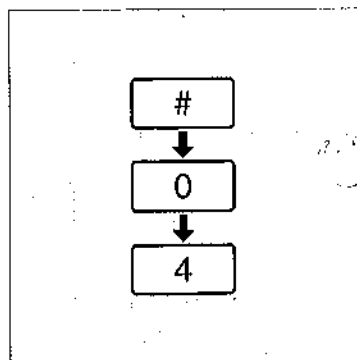
	5					10					15		
Input													
Code													
Input													
Code													

2.4.3 Programming your telephone number



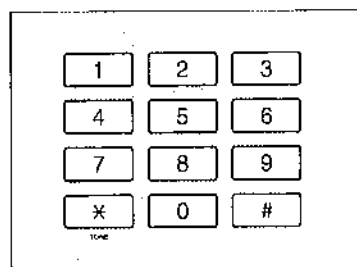
- 1** Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-".



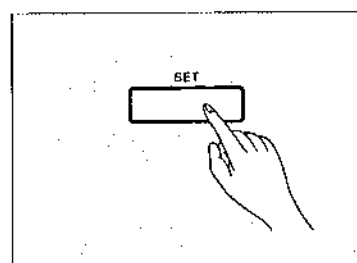
- 2** Press "#", then press "04" for YOUR TELEPHONE NUMBER setting.

The display shows "P-F04".



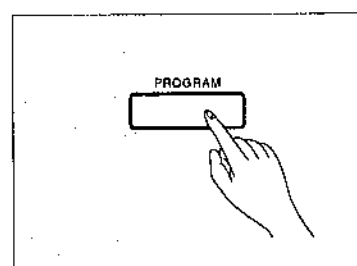
- 3** Enter your telephone number up to 20 digits long by using the dial keypad.

Example: If the phone number is "123 4567", press "123", "#", and "4567".
The "#" provides a space.



- 4** When you have finished, press the SET button to store the program into memory.

The display shows "P-".

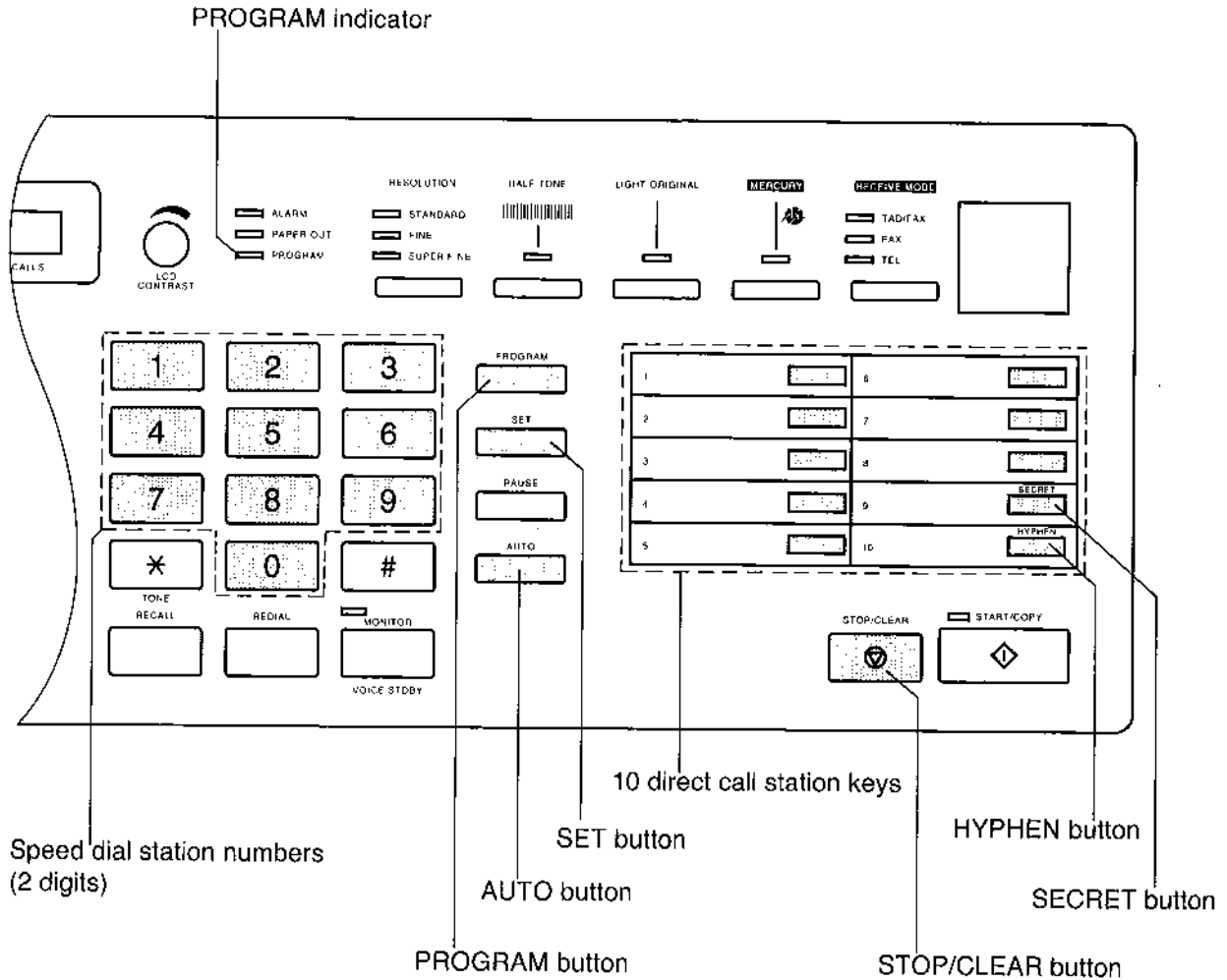


- 5** Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

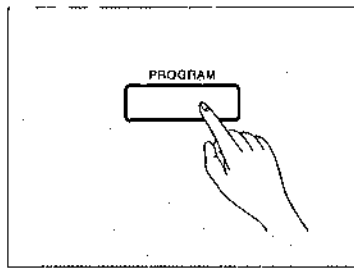
2.5 Storing phone numbers for automatic dialling

The unit's memory allows you to use both one touch dialling (up to 10 phone numbers) and speed dialling (up to 50 phone numbers) for rapid access to your most frequently dialled numbers.



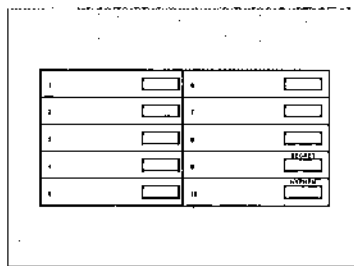
2.5.1 Storing phone numbers for one touch dialling

This unit is equipped with 10 direct call (one touch) stations including SECRET and HYPHEN keys, each of which can store a telephone number. Each phone number can be programmed up to 30 digits long.



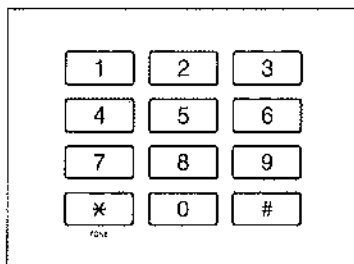
1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".



2 Press one of the direct call station keys where you want to store the phone number.

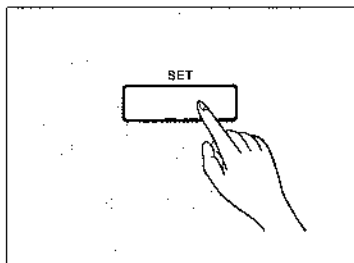
(e.g. If you select the station key 1, the display shows "P-d01".)



3 Enter the phone number.

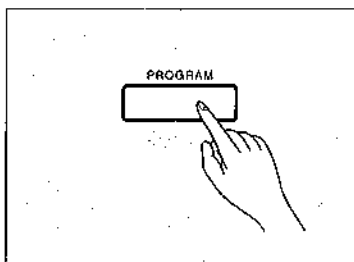
If you want to insert a hyphen in the number, press the HYPHEN key during programming. HYPHEN is counted as 2 digits.

To correct an error while programming, press the STOP/CLEAR button, then correct input.



4 Press the SET button to store the program into memory.

To program other phone numbers, repeat steps 2 to 4.



5 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

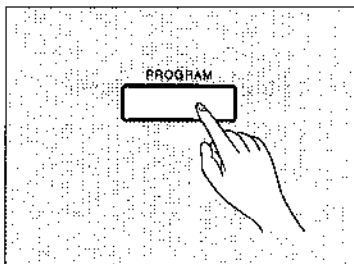
Note:

- To print out a stored phone number list, see pages 84 and 85.

2.5.2 Storing phone numbers for speed dialling

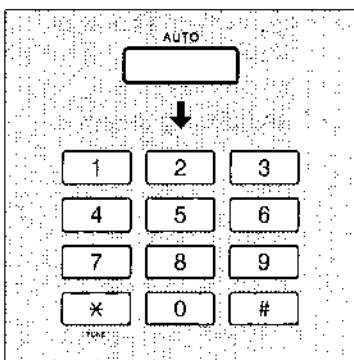
This unit is equipped with additional 50 stations (00 through 49), each of which can store a telephone number.

Each phone number can be programmed up to 30 digits long.

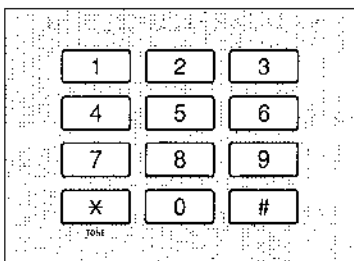


1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-".



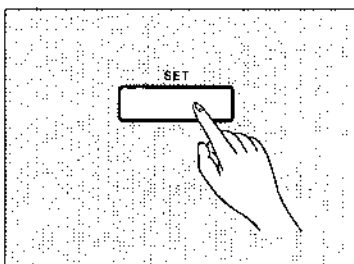
2 Press the AUTO button, then enter the speed dialling station number by selecting 2 digits (00 through 49).



3 Enter the phone number.

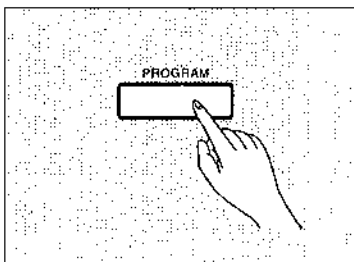
If you want to insert a hyphen in the number, press the HYPHEN key during programming. HYPHEN is counted as 2 digits.

To correct an error while programming, press the STOP/CLEAR button, then correct input.



4 Press the SET button to store the program into memory.

To program other phone numbers, repeat steps 2 to 4.



5 Press the PROGRAM button to end the operation.

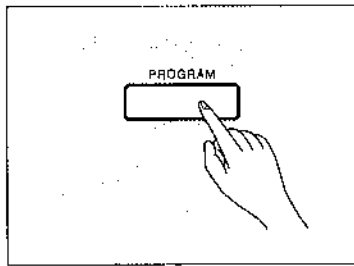
The PROGRAM indicator goes out.

Note:

- To print out a stored phone number list, see pages 84 and 85.

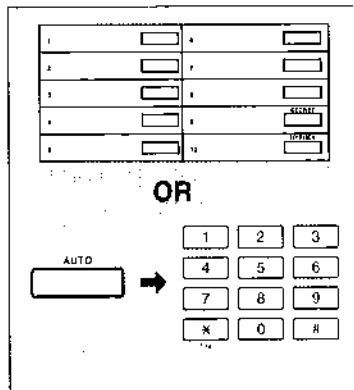
2.5.3 Storing secret phone numbers

This function is useful for keeping the whole or a portion of a phone number secret. When you print out a list of the stored numbers, this number will not be printed.



1 Press the PROGRAM button.

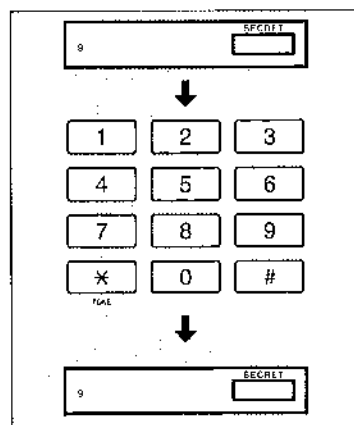
The PROGRAM indicator lights and the display shows "P-".



2 Press one of the direct call station keys.

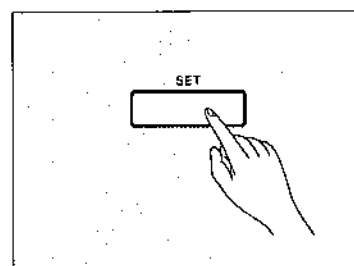
OR

Press the AUTO button, then enter the speed dial station number (00 through 49).

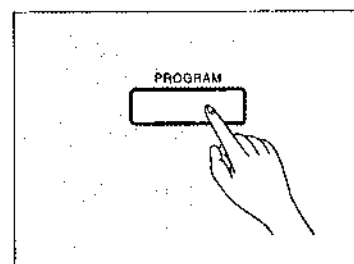


3 Press the SECRET key and enter the phone number, then press the SECRET key again.

Press the SECRET key once counts as 2 digits.



4 Press the SET button to store the program into memory.

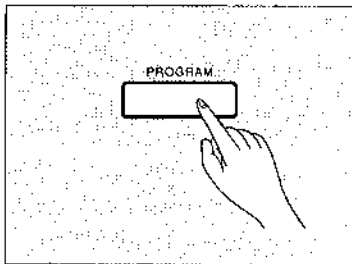


5 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

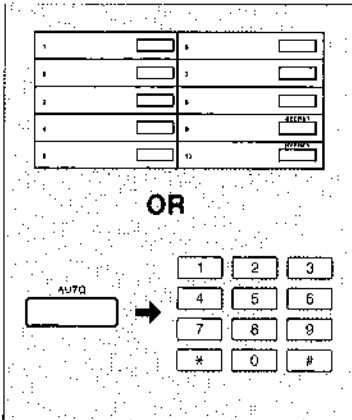
2.5.4 Erasing a stored phone number

If you wish to erase a phone number programmed into memory, follow the steps below.



1 Press the PROGRAM button.

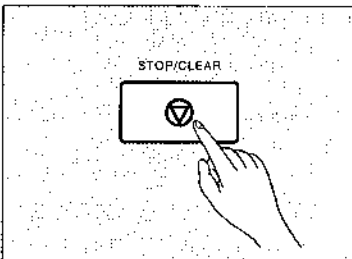
The PROGRAM indicator lights and the display shows "P_".



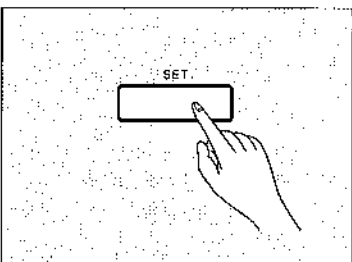
2 Press the direct call station key whose phone number you want to erase.

OR

Press the AUTO button, then enter the speed dial station number (00 through 49) whose phone number you want to erase.

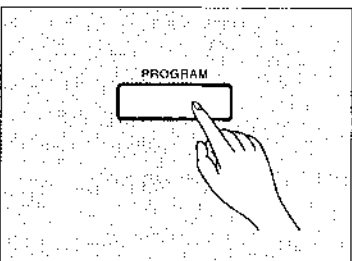


3 Press the STOP/CLEAR button.



4 Press the SET button.

The number will now be erased. If you wish to erase more than one number, repeat steps 2 to 4.

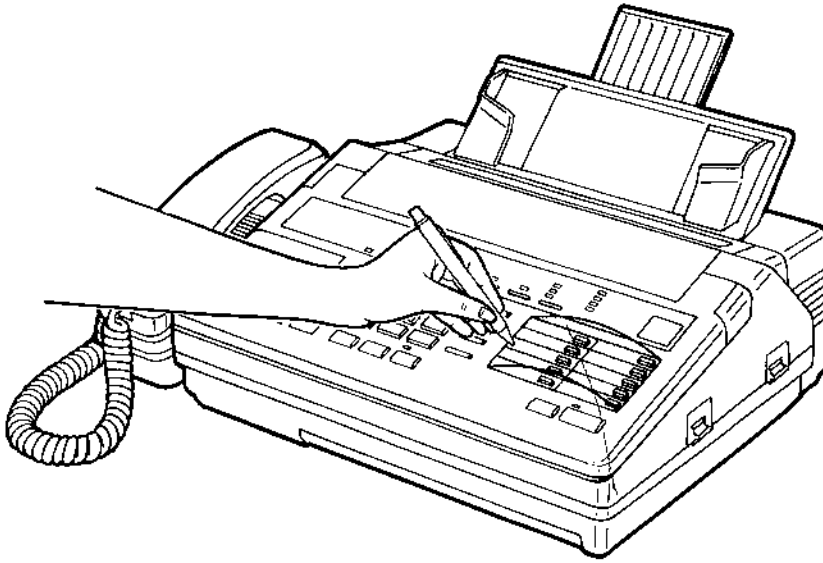


5 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

2.5.5 Filling-in the directory card

After programming phone numbers for one touch dialling, remove the cover using an instrument with a pointed end, like a pen, as shown below. Write in the names associated with the direct call station keys.



3 Basic Instructions

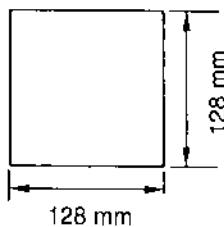
Facsimile

3.1 Acceptable documents

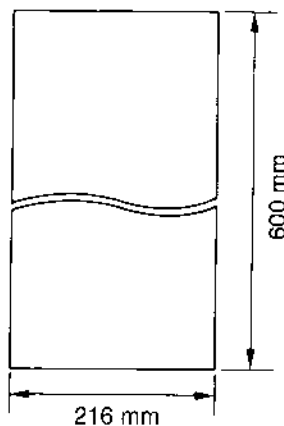
The unit can transmit documents that meet the following conditions.

- Paper width should be 128 mm to 216 mm.
- Effective scanning width should be up to 208 mm.
- Up to 10 sheets of paper can be set in the document feeder tray at a time.
- Paper weight
 - Single sheet: 45 g/m² to 90 g/m²
 - Multiple sheets: 60 g/m² to 75 g/m²

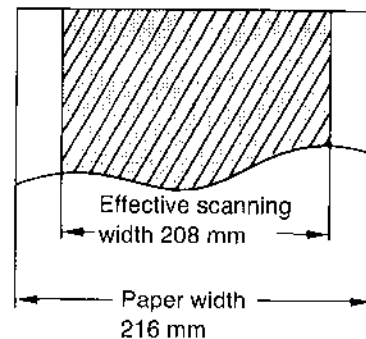
Minimum document size



Maximum document size



Effective scanning width



Do not use the following types of documents or they may jam. Make a copy of such documents and feed the copy into the unit.

- Paper with a chemically treated surface such as carbon paper or carbonless duplicating paper
- Heavily curled, creased or torn paper
- Paper with a coated surface
- Small-sized paper such as a slip or voucher
- Thin paper less than 45 g/m²
- Thick paper over 90 g/m²
- Paper with faint contrast between the print and the background
- Paper with printing on the reverse side that can be seen through from the front (e.g. newspaper)

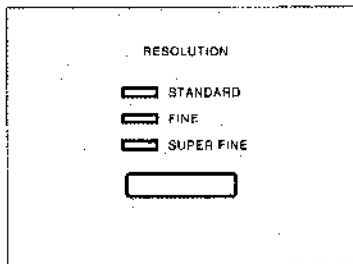
Note:

- Remove clips, staples or other similar objects from a document before feeding it into the unit. Make sure that any ink or paste on the document is completely dry before feeding it into the unit.
- A document whose length exceeds 600 mm cannot be transmitted. When you feed such documents, the unit stops transmitting and a long beep will be heard. If this happens, press the STOP/CLEAR button and remove the document.
- If a document is electrostatically charged, the automatic document feeder may not function properly.

3.2 Resolution and contrast

You can set the following functions depending on the quality of an original. Set the functions before transmission or copying. If you set them during transmission, they will be effective from the next sheet transmitted.

RESOLUTION

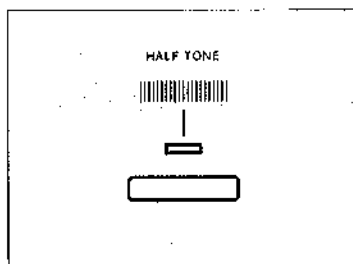


STANDARD is suitable for printed or typewritten originals with normal-sized characters.

FINE is suitable for originals with small printing characters or detailed drawing.

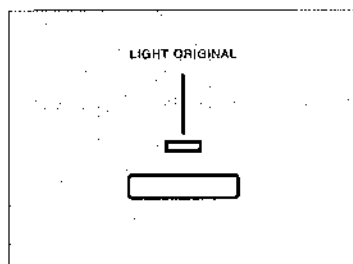
SUPER FINE doubles the resolution of FINE. (SUPER FINE only works between Panasonic compatible machines such as KX-F2060 and KX-F2090.)

HALF TONE



HALF TONE is useful when sending originals containing photographs, shaded drawings, etc. When you use this feature, FINE resolution is selected automatically.

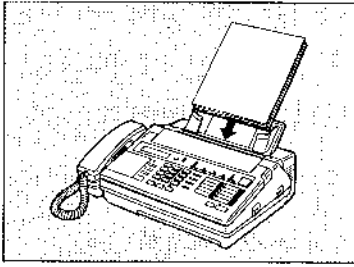
LIGHT ORIGINAL



LIGHT ORIGINAL is useful when transmitting or copying originals with faint writing.

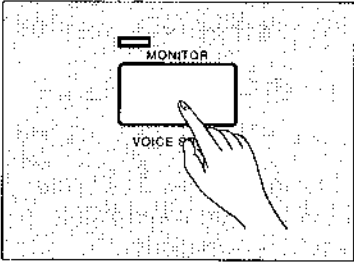
3.3 Transmitting documents

3.3.1 Using manual dialling

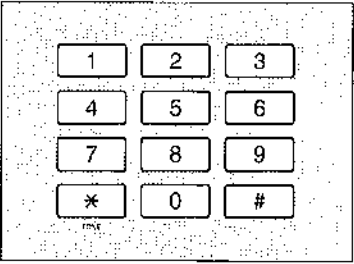


1 Insert the documents FACE DOWN.

The unit can accept up to 10 sheets of paper at a time.

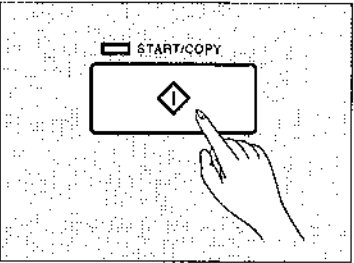


2 Press the MONITOR button or lift the handset, then identify the dial tone.

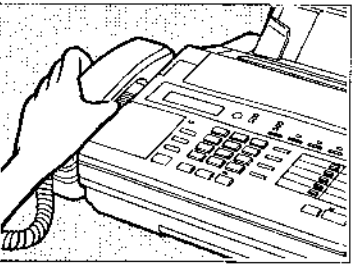


3 Dial the phone number.

If the other party answers, lift the handset and ask him/her to start the fax reception.



4 Press the START/COPY button when a fax tone is heard.

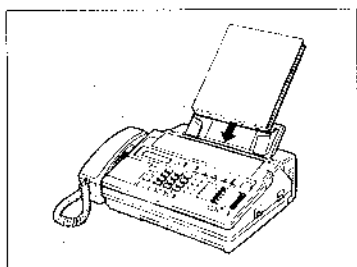


5 Replace the handset on the cradle if using it.

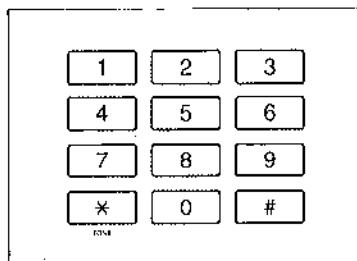
The unit feeds and transmits the documents. The display shows the number of each page ("P-01" through "P-99") during a fax transmission.

3.3.2 Using block dialling

You can dial the phone number without using the handset or the MONITOR button.

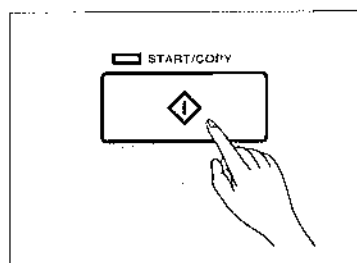


1 Insert the documents FACE DOWN.



2 Enter the phone number.

The display shows the phone number.
If you make a mistake, press the STOP/CLEAR button,
then dial the correct number.



3 Press the START/COPY button.

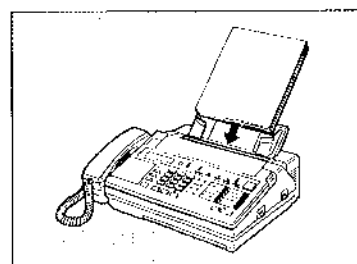
The unit dials and transmits the documents.

Note:

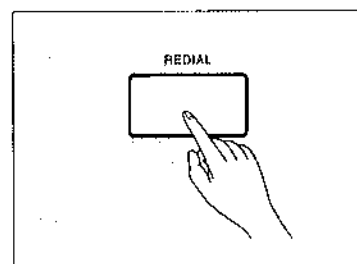
- If there is no answer or the line is busy, the unit will automatically redial the number up to 4 times at an interval one minute. To cancel automatic redialling, press the STOP/CLEAR button.

3.3.3 Using the REDIAL button

You can transmit documents to the last dialled number using the REDIAL button.



1 Insert the documents FACE DOWN.



2 Press the REDIAL button.

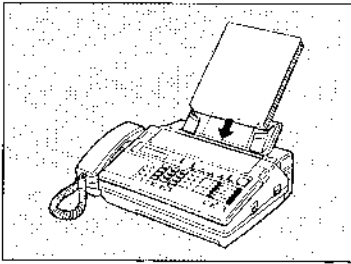
The unit dials the last dialled number and transmits the
documents automatically.

Note:

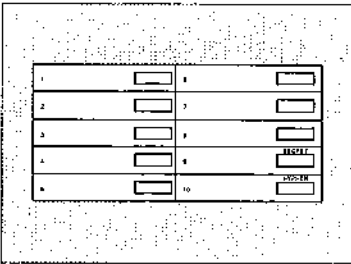
- If there is no answer or the line is busy, the unit will automatically redial the number up to 4 times at an interval one minute. To cancel automatic redialling, press the STOP/CLEAR button.

3.3.4 Using one touch dialling and speed dialling

You can transmit documents using one touch dialling and speed dialling. Before using this feature, please be sure that all network addresses are correctly programmed. For programming of phone numbers, see pages 30 to 33.

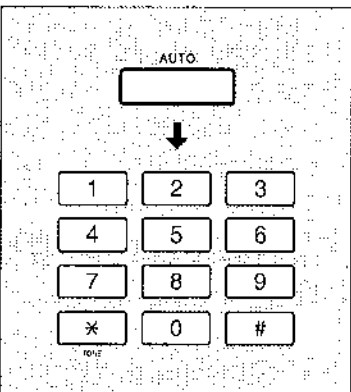


1 Insert the documents FACE DOWN.



2 **Using one touch dialling:**
Press the desired direct call station key.

OR



OR

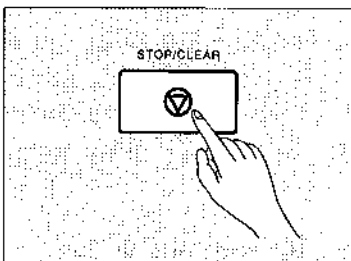
Using speed dialling:
Press the AUTO button, then press the desired speed dial station number (00 through 49).
(Example: Station 00 is dialled.)

The unit dials and transmits the documents automatically.

Note:

- If there is no answer or the line is busy, the unit will automatically redial the number up to 4 times at an interval one minute. To cancel automatic redialling, press the STOP/CLEAR button.

3.3.5 Interrupting transmission



Press the STOP/CLEAR button.

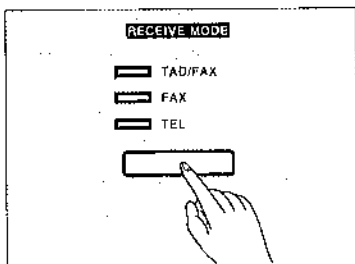
The transmission is interrupted.
To eject the document, press the STOP/CLEAR button again.

3.3.6 Adding extra pages

If you want to send 11 or more sheets at a time, insert the documents up to 10 sheets of paper first, and add the extra pages up to 10 sheets before the last page feeds into the unit.

3.4 Receiving documents and/or voice-messages

3.4.1 Automatic reception



Set the RECEIVE MODE to either:

- A) TAD/FAX mode
- B) FAX mode

See page 19.

Helpful hints:

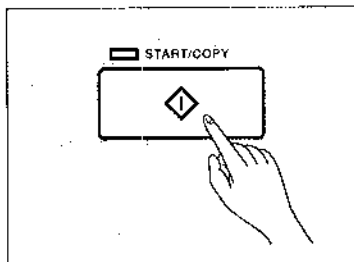
- When the phone rings in the TAD/FAX or FAX mode, the unit will answer on the 2nd ring. You can change the ring count according to the instructions found on pages 77 and 78.
- Begin by transmitting the FAX CORRESPONDENCE leaflet found on page 99 to several of your associates. In this way you can confirm that your unit is functioning correctly and inform them of the procedure for transmitting documents and/or recording voice-message on your unit.

3.4.2 Manual reception

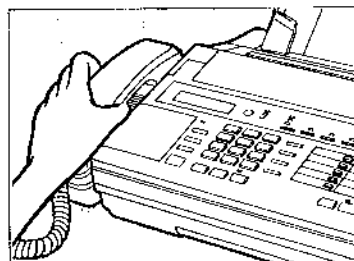
When your unit is in the TEL mode, follow the steps below to receive a document.



- 1 When the phone rings, lift the handset to answer the call.



- 2 Press the START/COPY button to receive documents.



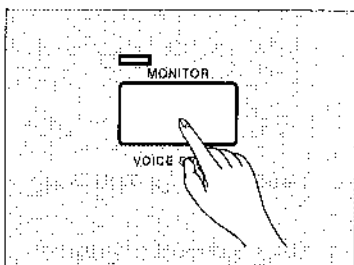
- 3 Place the handset on the cradle.

If you do not place the handset on the cradle after pressing the START/COPY button, the unit automatically calls the other party. For further details, see page 42.

3.5 Voice contact

3.5.1 Initiating voice contact

If the other party's unit is equipped with a voice contact feature, you can initiate voice contact and notify the other party that you wish to speak after the transmission/reception is completed. This saves extra time and expense of making a subsequent telephone call to discuss information sent over the fax.



- 1 Press the MONITOR/VOICE STDBY button or lift the handset while transmitting or receiving the documents.

Once the fax transmission is completed, the other party's fax will emit a distinctive ring that indicates that you request a voice communication.



- 2 When the other party answers, start speaking using the handset.

If you initiate voice contact while transmitting documents, you can speak after all the documents have been transmitted.

If you initiate voice contact while receiving documents, you can speak after receiving the current page of the documents.

3.5.2 Receiving a request for voice contact

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



When the unit rings, lift the handset and start speaking.

Note:

- If you do not answer within 10 seconds after hearing several rings indicating the request for voice contact, one of the following occurs:
 - When the unit is in the TAD/FAX mode, it plays back your OGM and records the voice-message on the tape.
 - When the unit is in the FAX mode, the line is disconnected.
 - When the unit is in the TEL mode, the line is disconnected.

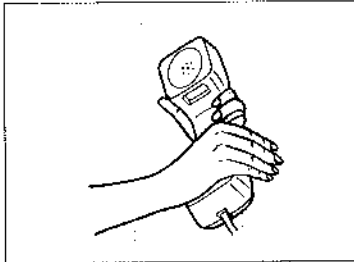
3.6 Transmitting documents to your unit

3.6.1 Transmitting documents and leaving a message on the same call

When the unit is in the TAD/FAX mode, your caller can follow the steps below to send documents and leave a message.

From a rotary (pulse) phone:

If the calling facsimile machine has a voice contact function, your caller can leave a voice-message after transmitting documents to your facsimile.



- 1 Your caller may call your unit, and then press the mute button or cover the mouthpiece of their handset to change the unit to the fax mode during your outgoing message (OGM).

They then may start transmission upon hearing the fax tone.



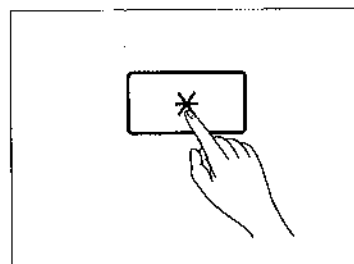
- 2 They may make a call reservation (e.g. lift the handset) during transmission. Your unit plays the OGM again.

They then may leave a message after the long beep following your OGM.

From a touch tone phone:



- 1 Your caller may call your unit, and then leave you a message after the long beep following your OGM.

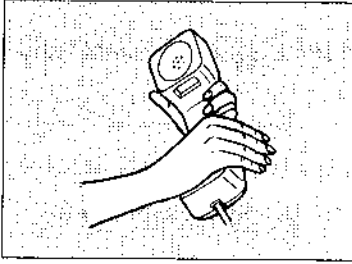


- 2 When their message is finished, they may press "*" to change the unit to the fax mode.

They then may start transmission upon hearing the fax tone.

3.6.2 Transmitting documents with manual operation

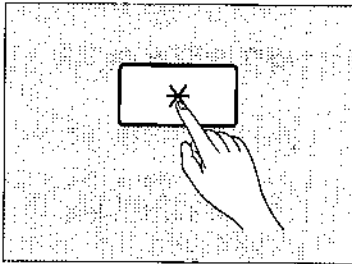
From a rotary (pulse) phone:



Your caller may call your unit, and then press the mute button or cover the mouthpiece of their handset to change the unit to the fax mode during your outgoing message (OGM).

They then may start transmission upon hearing the fax tone.

From a touch tone phone:



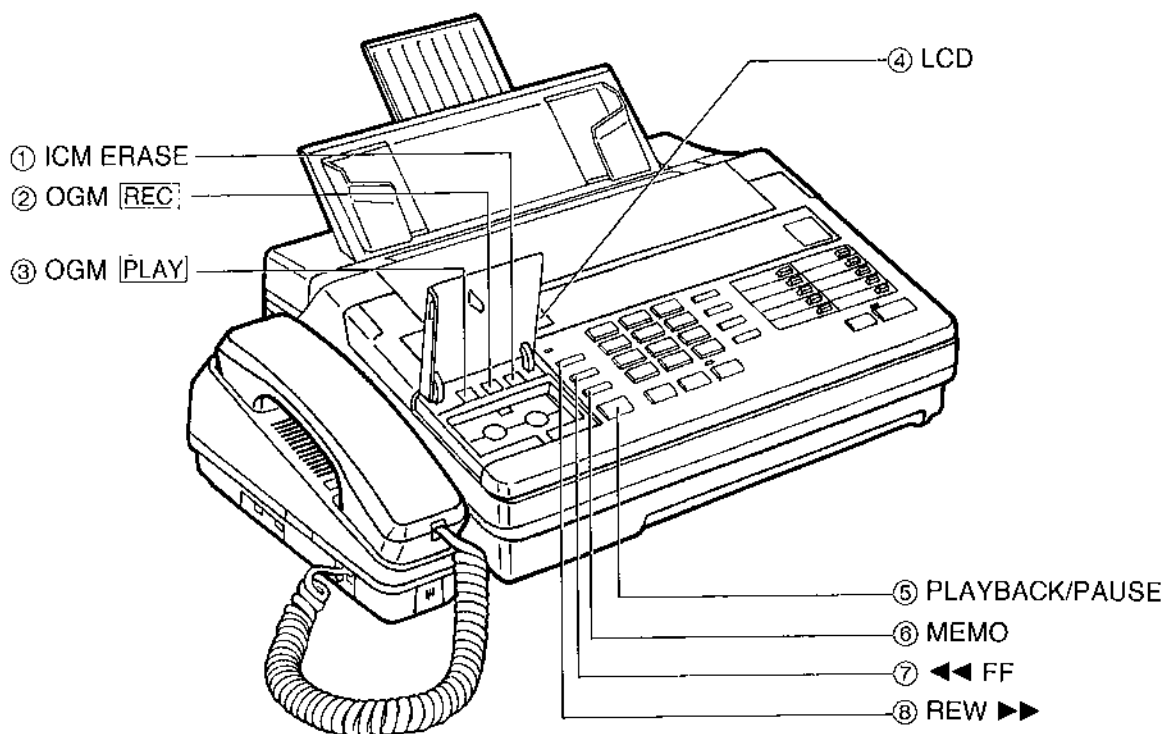
Your caller may call your unit, and then press "*" to change the unit to the fax mode.

They then may start transmission upon hearing the fax tone.

Answering device

3.7 Operating as an answering device

The unit also works as an automatic telephone answering and recording system. The following functions are available.



① Erasing recorded voice-messages:

After reviewing messages to you, press the ICM ERASE button. The messages are erased while the tape is rewinding.

The tape can be erased at high speed even if the record-prevention (knock-out) tabs have been removed.

② Recording your OGM:

See pages 22 and 23.

③ Verifying your OGM:

See page 23.

④ LCD (Liquid Crystal Display):

The number of recorded incoming voice-messages is shown on the display and the TAD/FAX indicator flashes.

If the power supply has been interrupted, the call counter shows "--" when the power is restored.

⑤ Playing back recorded voice-messages:

Press the PLAYBACK/PAUSE button.

Stopping the tape (Pause mode):

Press the PLAYBACK/PAUSE button during playback mode. The tape pauses until you restart it by pressing the PLAYBACK/PAUSE button. The unit does not answer calls automatically while in the pause mode.

⑥ Recording a memo message:

See page 48.

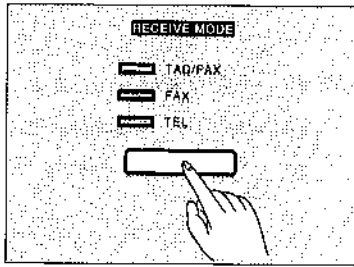
⑦ Advancing the tape quickly:

Press the FF (Fast Forward) button.

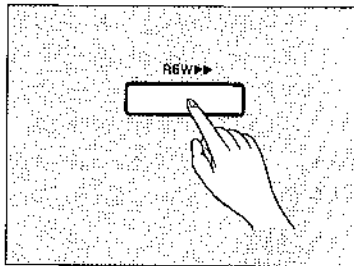
⑧ Rewinding (Resetting) the tape quickly:

Press the REW (Rewind) button.

3.7.1 Setup of voice-message and document reception



- 1 Press the RECEIVE MODE button until the TAD/FAX indicator lights.



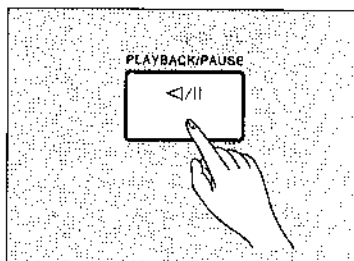
- 2 Press the REW button to record messages from the beginning of the tape.

When a call is received, the unit will automatically distinguish between voice and fax calls, and then it will function as an answering device and/or a facsimile.

Note:

- The recording time for incoming messages can be set to LONG or SHORT. It is preset to LONG. To change the recording time, see page 76.

3.7.2 Playing back recorded voice-messages

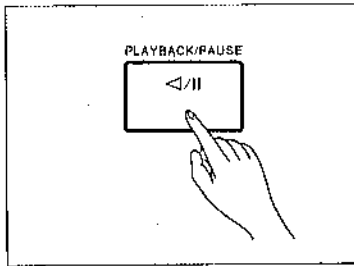


Press the PLAYBACK/PAUSE button.

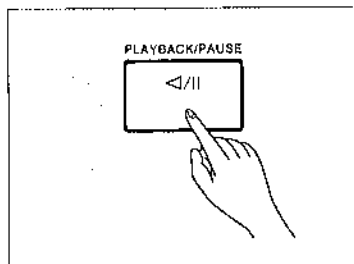
The unit plays all the recorded messages. At the end of the last message the tape stops, and 3 beeps are heard. All calls are saved automatically.

3.7.3 Recording future messages after the messages you have saved

Future incoming messages will be automatically stored after the last message. If you wish to store incoming messages after your saved messages, perform the following steps.

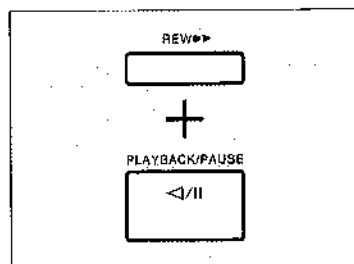


- 1 Press the PLAYBACK/PAUSE button to play back the tape to the end of the messages you want to save.



- 2 Press the PLAYBACK/PAUSE button again to stop the tape (Pause mode).

The IN USE indicator flashes.



- 3 Press the REW and PLAYBACK/PAUSE button together.
Future calls will be recorded after the messages you have saved.

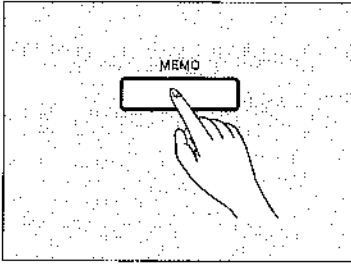
3.7.4 Monitoring incoming calls

While an incoming message is being recorded, you can monitor it through the built-in speaker. Adjust the sound level using the VOLUME control.

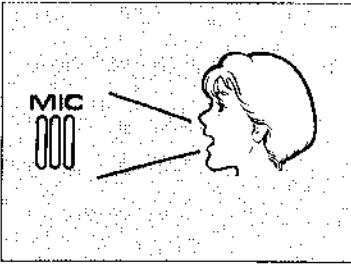
You can talk to the caller directly by simply lifting the handset. The unit stops recording automatically.

3.7.5 Recording a memo message

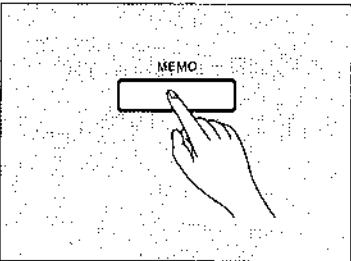
If you are going out and you want to leave a private message for someone, you can record a voice memo in the unit.



- 1 Press the MEMO button until a beep is heard.



- 2 Speak toward the microphone from approximately 20 cm away.



- 3 When the recording is finished, press the MEMO button again.

The TAD/FAX indicator flashes and the call counter on the display increases by one.

This memo can then be played back either directly or remotely, exactly like any other incoming message.

Telephone

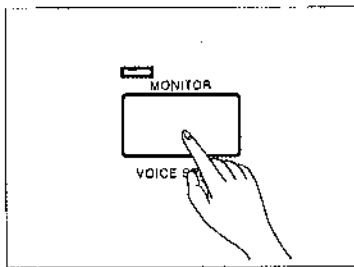
3.8 Making and answering voice calls

3.8.1 Making calls

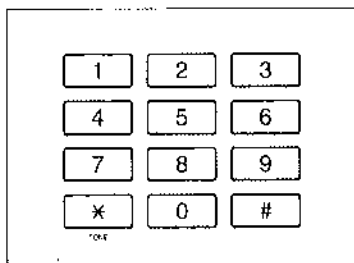
Using the handset:

Lift the handset and identify the dial tone, then dial the phone number.

Using on-hook dialling:



1 Press the MONITOR button and identify the dial tone.

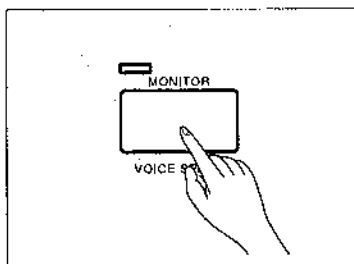


2 Dial the phone number.

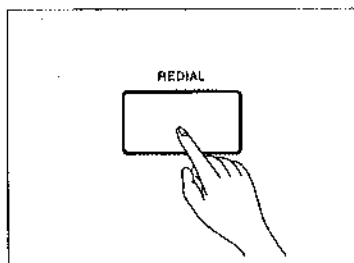
When the other party answers your call, lift the handset and talk through it.

3.8.2 Redialling

You can redial the last dialled number by simply pressing the REDIAL button.



1 Press the MONITOR button or lift the handset, and identify the dial tone.



2 Press the REDIAL button.

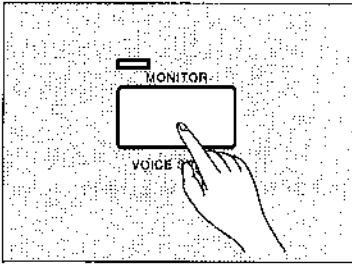
The unit redials the last dialled number once.

3.8.3 Answering voice calls

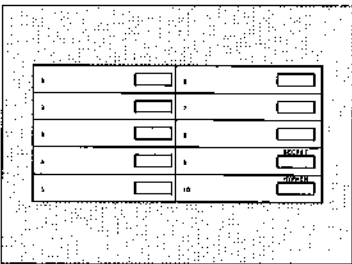
When the phone rings, lift the handset to answer the call.

3.8.4 Making voice calls using the automatic dialer

The unit's memory allows you to use both one touch dialling (up to 10 phone numbers) and speed dialling (up to 50 phone numbers) for rapid access to your most frequently called numbers. Before using this feature, please be sure that all network addresses are correctly programmed. See pages 30 to 33.



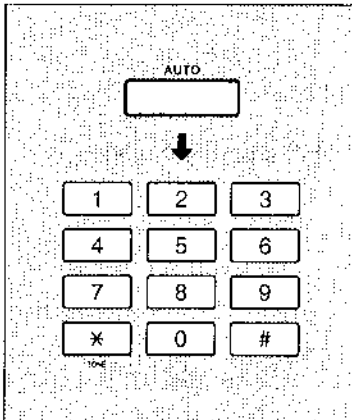
- 1 Press the MONITOR button or lift the handset, then identify the dial tone.



- 2 **Using the direct call station key:**
Press the desired direct call station key.

OR

OR



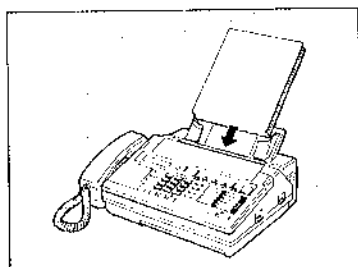
- 2 **Using the speed dial station:**
Press the AUTO button, then press the desired station number (00 through 49) by using the dial keypad.

Copier

3.9 Copier function

3.9.1 Making copies

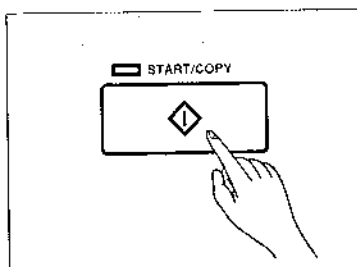
The unit can make copies. The unit automatically selects the FINE resolution when copying, but you may select the SUPER FINE resolution.



1

Insert the documents FACE DOWN.

The unit can accept up to 10 sheets of paper at a time.

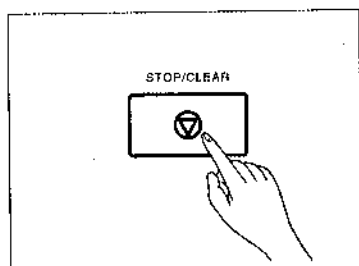


2

Press the START/COPY button.

The unit feeds the documents, then starts copying.

3.9.2 Interrupting a copy



Press the STOP/CLEAR button.

To eject the document, press the STOP/CLEAR button again.

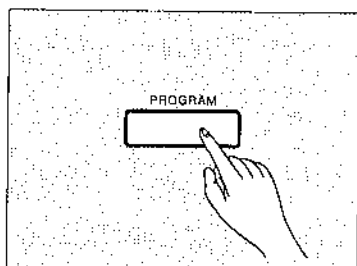
4 Advanced Instructions

4.1 Setting the auto receive timer

This feature allows you to set the unit to the automatic receiving mode (TAD/FAX or FAX mode) for the desired time automatically. For example, you may wish to use the unit in the TEL mode during the work days and switch to the TAD/FAX or FAX mode during the evenings.

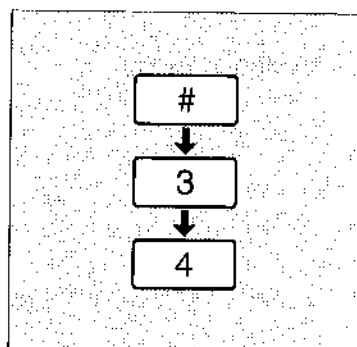
The TAD/FAX or FAX mode is automatically turned ON or OFF at the preprogrammed time.

To activate this function, use AUTO RECEIVE TIMER in the programming functions.



- 1** Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".

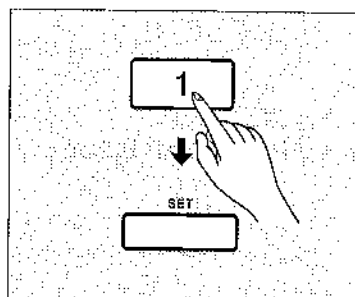


- 2** Press "#", then press "34" for AUTO RECEIVE TIMER setting.

The display shows "P-F34 2".

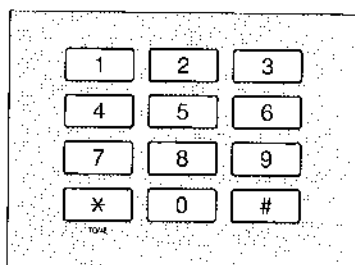
Setting selections are;

- 1: Turning the auto receive timer ON.
- 2: Turning the auto receive timer OFF.



- 3** Press "1" to turn the auto receive timer on, then press the SET button.

The display shows "AM P-F34 12-00".

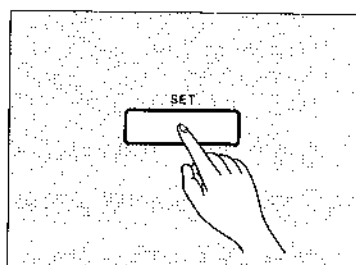


- 4** Enter the ON time using 4 digits.

For example, if ON time is 5:00PM, press "0 5 0 0", then press "*" to select PM.

"PM" or "AM" is shown alternately by each press of "*".

To correct an error, press the STOP/CLEAR button then correct input.

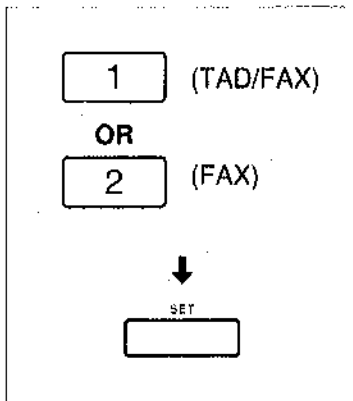


- 5** Press the SET button.

The display shows "P-F34 1".

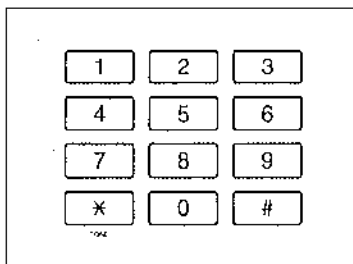
Setting selections are;

- 1: TAD/FAX mode
- 2: FAX mode



6 Press "1" or "2" to select the desired receiving mode, then press the SET button.

The display shows "AM P-F34 12-00".

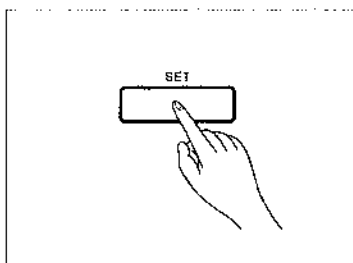


7 Enter the OFF time using 4 digits.

For example, if OFF time is 9:00AM, press "0 9 0 0", then press "*" to select AM.

"PM" or "AM" is shown alternately by each press of "*".

To correct an error, press the STOP/CLEAR button, then correct input.

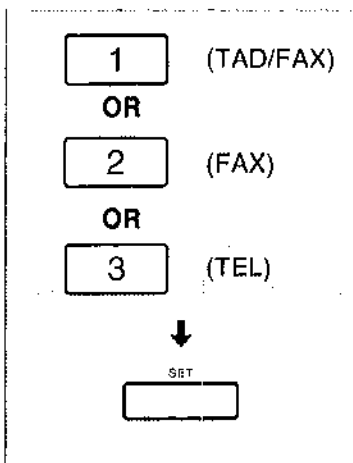


8 Press the SET button.

The display shows "P-F34 3".

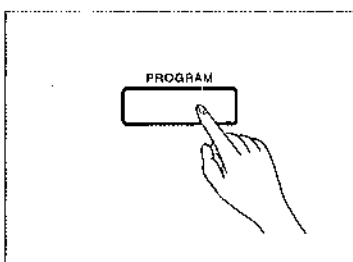
Setting selections are;

- 1 TAD/FAX mode
- 2: FAX mode
- 3: TEL mode



9 Press "1", "2" or "3" to select the desired receiving mode after the auto receiving mode is turned off, then press the SET button.

The display shows "P-_".



10 Press the PROGRAM button to end the operation.

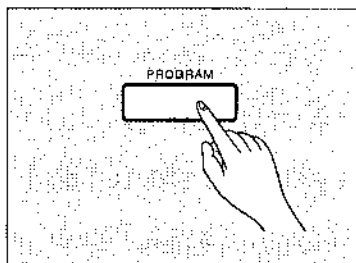
The PROGRAM indicator goes out.

4.2 Polling

Polling means that you call another facsimile machine to retrieve a document. Polling also lets you place documents in your unit that will be “retrieved” only at the request of a calling machine. The polling unit incurs any long distance telephone charges since it initiates the call.

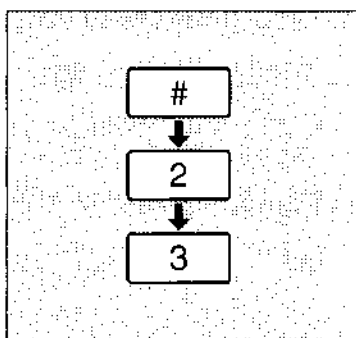
4.2.1 Initial preparation for POLLING

To activate the polling feature, program as follows first.



1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".

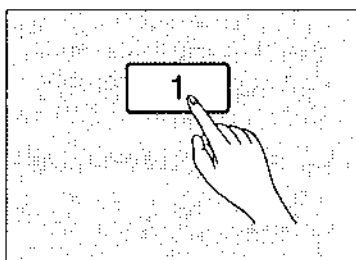


2 Press "#", then press "23".

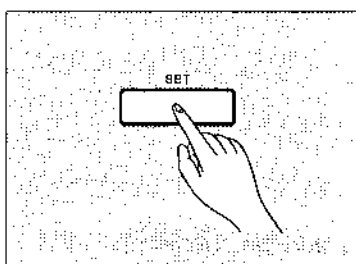
The display shows "P-F23 2".

Setting selections are;

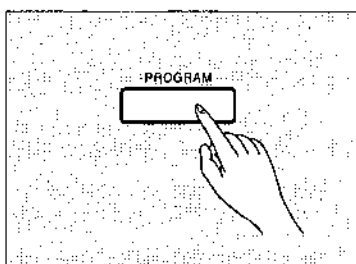
- 1: Turning the polling function ON
- 2: Turning the polling function OFF



3 Press "1" to turn the polling function on.



4 Press the SET button to store your selection into memory.



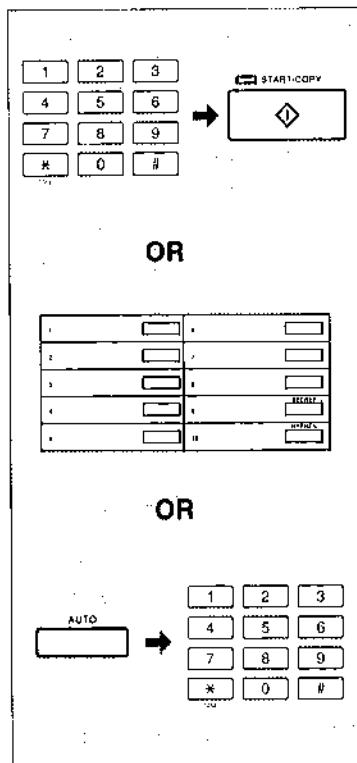
5 Press the PROGRAM button.

Note:

- When reception (polling) or transmission (polled mode) ends, the POLLING function will be automatically turned off.

4.2.2 Polling another unit

The following procedure lets you poll another unit.
Make sure that no documents have been fed into the unit and the feeder tray.



- 1 Perform steps 1 to 5 on the previous page.
- 2 Enter the phone number you wish to poll.

Using manual dialling;

Dial the desired phone number, then press the START/COPY button.

OR

Using one touch dialling;

Press the desired direct call station key.

OR

Using speed dialling;

Press the AUTO button, then press the desired station number (00 through 49) using the dial keypad.

The unit will dial and receive documents.

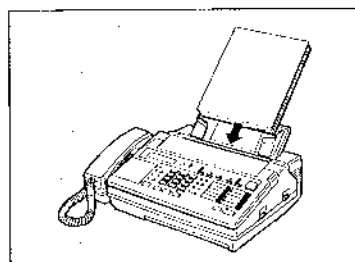
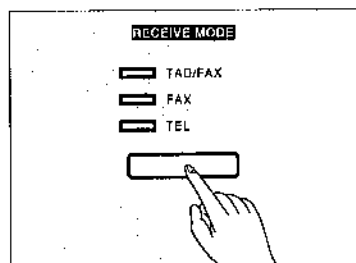
When reception ends, the POLLING function will be automatically turned off.

Note:

- If the polled station is busy or there is no answer, the unit automatically redials up to 4 times at an interval one minute.

4.2.3 Being polled

In order to let other units poll your unit, you must set the documents in the document feeder tray of your unit.



- 1 Perform steps 1 to 5 on the previous page.
- 2 Set the unit to the TAD/FAX or FAX mode.

- 3 Insert the documents FACE DOWN.

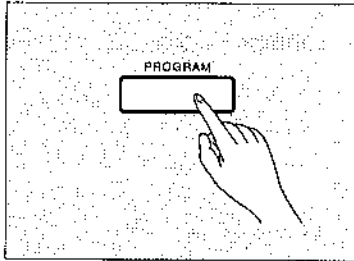
The unit is ready to be polled.

When transmission ends, the POLLING function will be automatically turned off.

4.2.4 Setting the polling password

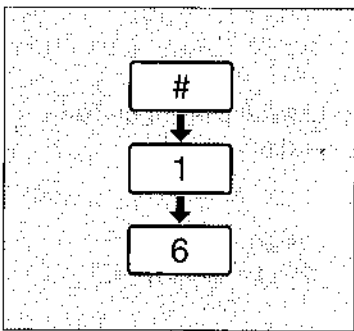
In order to prevent an unauthorised machine from retrieving a confidential document during polling, you can program a unique code (password) into your unit. If the passwords in the polling unit and polled unit do not match, no transaction will take place.

The polling password is only effective between Panasonic compatible facsimile machines such as KX-F2060 and KX-F2090.



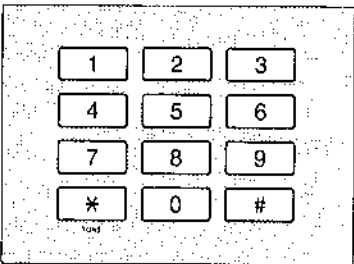
- 1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".



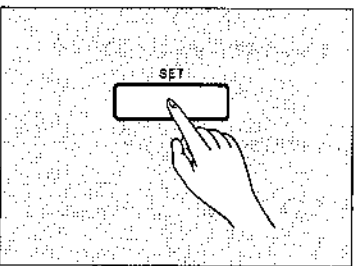
- 2 Press "#", then press "16" for POLLING PASSWORD setting.

The display shows "P-F16 0000".



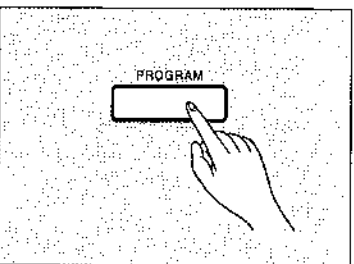
- 3 Enter your polling password of 4 digits using the dial keypad.

You can choose among numbers 0001 through 9999 as the password.
To correct an error, press the STOP/CLEAR button then correct input.



- 4 Press the SET button to store the program into memory.

The display shows "P-_".



- 5 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

Note:

- If the polling password is set to 0000, the unit does not check the password sent by other facsimile machines.

4.3 Network communication

The network communication function with network passcode can eliminate fax transmission to unauthorised parties, and help to prevent reception from an unauthorised station.

This feature is effective to prevent "Junk mail" faxes since only those units with the same passcode can transmit to your unit.

When the network communication function is used, the identical network passcode of 4 digits must be programmed on both sides of the line. The unit checks the passcode before transmitting or receiving a document.

The unit provides two types of passcode check modes. They are TX (transmission) passcode check mode and RX (receiving) passcode check mode.

TX Passcode Check:

This function can be used when you wish to transmit a document only to authorised stations. If the passcode sent from the other Panasonic compatible machines does not match with the one programmed in your unit, transmission does not take place. (See page 59 for TX PASSCODE CHECK setting.)

RX Passcode Check:

This function can be used when you wish to receive a document only from an authorised station. If the passcode sent from the other Panasonic compatible machines does not match with the one programmed in your unit, reception does not take place. (See page 60 for RX PASSCODE CHECK setting.)

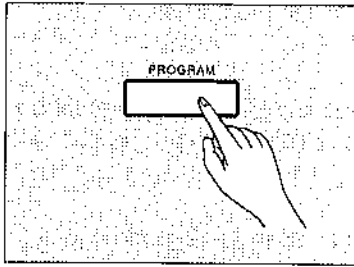
This feature is effective only between Panasonic compatible machines that have the same passcode.

Note:

- The password for the polling function is not related to this network communication. They are independent functions.

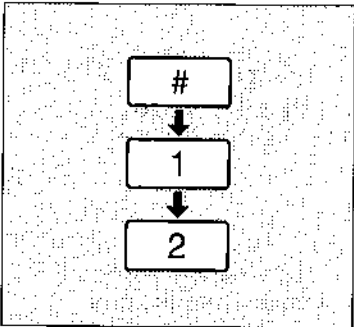
4.3.1 Programming the network passcode

To activate this feature, the identical network passcode must be preprogrammed both on your unit and the other Panasonic compatible machine(s). Follow the steps below.



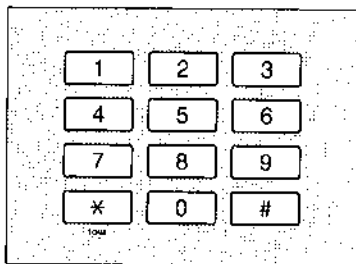
- 1** Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".



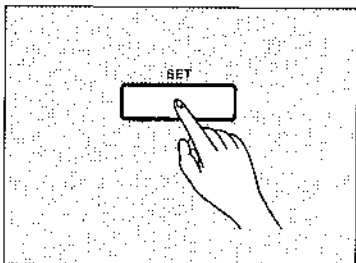
- 2** Press "#", then press "12" for NETWORK PASSCODE setting.

The display shows "P-F12 0000".



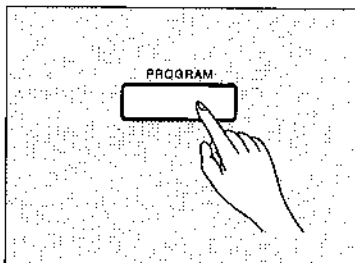
- 3** Enter the desired passcode of 4 digits using the dial keypad.

You can choose among numbers 0001 through 9999 as the network passcode.
To correct an error, press the STOP/CLEAR button then correct input.



- 4** Press the SET button to store the program into memory.

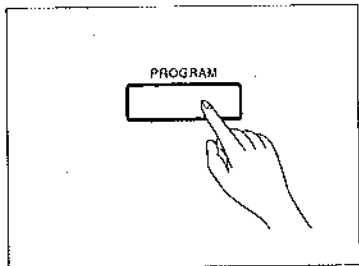
The display shows "P-_".



- 5** Press the PROGRAM button to end the operation.

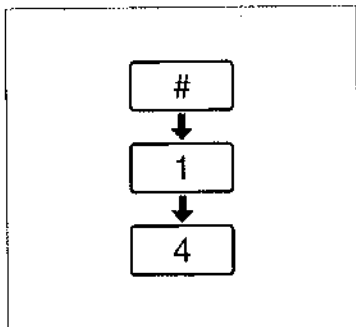
The PROGRAM indicator goes out.

4.3.2 Turning the TX passcode check on



1 Press the PROGRAM button.

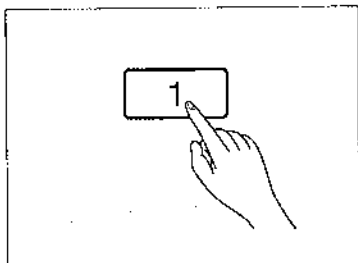
The PROGRAM indicator lights and the display shows "P-".



2 Press "#", then press "14" for TX PASSCODE CHECK setting.

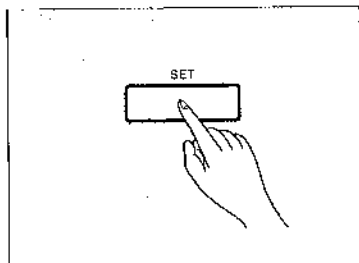
The display shows "P-F14 2".

Setting selections are;
1: ON (activate this function)
2: OFF (deactivate this function)



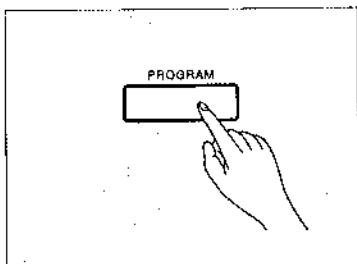
3 Press "1" to activate this function.

The display shows "P-F14 1".



4 Press the SET button to store your selection into memory.

The display shows "P-".



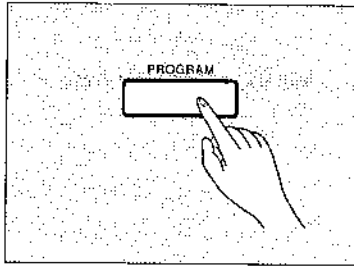
5 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

Note:

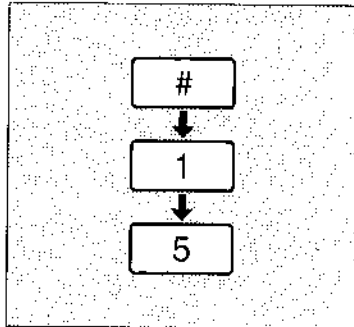
- If the network passcode is set to 0000, the unit does not check the passcode.

4.3.3 Turning the RX passcode check on



1 Press the PROGRAM button.

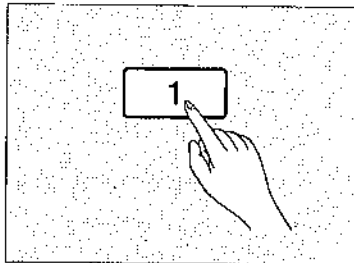
The PROGRAM indicator lights and the display shows "P-".



2 Press "#", then press "15" for RX PASSCODE CHECK setting.

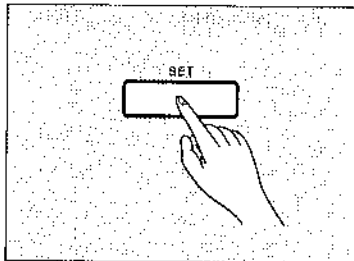
The display shows "P-F15 2".

Setting selections are;
1: ON (activate this function)
2: OFF (deactivate this function)



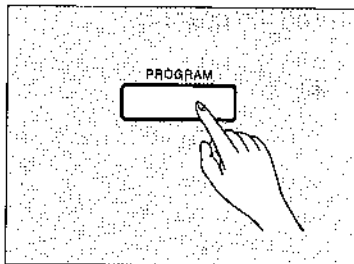
3 Press "1" to activate this function.

The display shows "P-F15 1".



4 Press the SET button to store your selection into memory.

The display shows "P-".



5 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

Note:

- If the network passcode is set to 0000, the unit does not check the passcode.

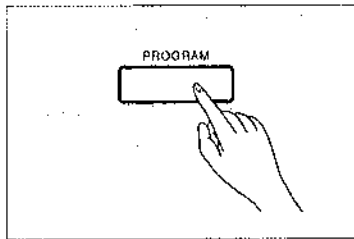
4.4 Calling with privacy ring

This feature eliminates interruptions caused by unwanted calls. Only callers with a passcode can activate a distinctive tone during the playing of your outgoing message (OGM) to notify you of a priority call. This feature only works when your unit is in the TAD/FAX mode.

Entering a unique 3-digit code is required to activate this feature. Issue your code to those callers with priority status. All other calls will be routed to the answering system, unless you pick up the handset.

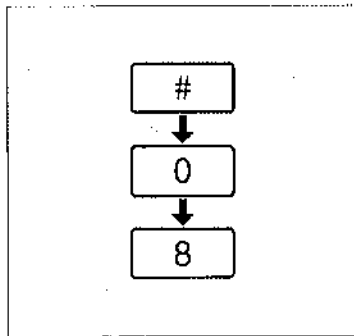
The unit provides PRIVACY RING ID "333" as default setting. If you want to change the number, you can choose any number of 3 digits except numbers including zero (0). You should also use a number that is different from the REMOTE TAD ID (page 64).

4.4.1 Programming the PRIVACY RING ID



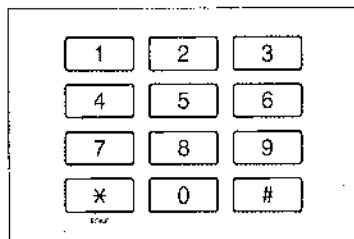
- 1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".



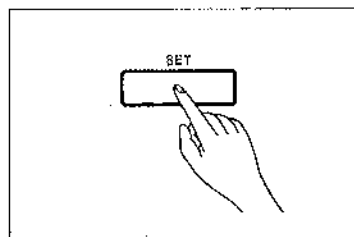
- 2 Press "#", then press "08" for the PRIVACY RING ID setting.

The display shows "P-F08 333".



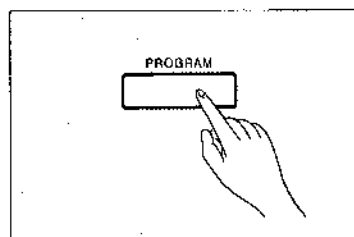
- 3 Enter the desired 3-digit number as the new PRIVACY RING ID using the dial keypad.

To correct an error while programming, press the STOP/CLEAR button then correct input.



- 4 Press the SET button to store the program into memory.

The display shows "P-_".



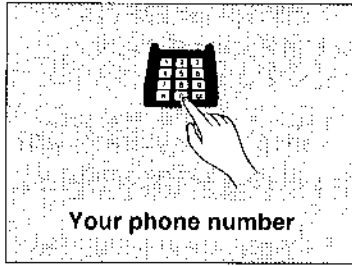
- 5 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

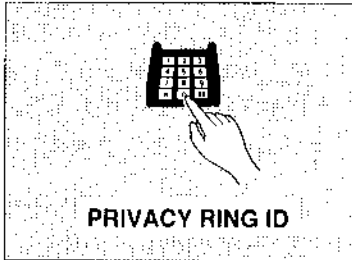
Note:

- We recommend that you do not use seven (7) as a code number, since this number is used as the OGM re-recording command for remote operations.

4.4.2 Calling with the privacy ring code



1 Call your unit with a touch tone telephone.



2 Enter the PRIVACY RING ID during your outgoing message (OGM) or the incoming message recording mode.

The unit rings with a distinctive tone for 30 seconds and goes into the incoming message recording mode if nobody answers.

To repeat this process, press the ID number again during the incoming message recording mode.

4.5 Operating the answering device from a remote phone

You can retrieve the incoming messages from a remote location with a touch tone telephone.

This is available only in the TAD/FAX mode. If your unit is in the TEL mode, call your unit and wait for 20 rings. The unit will switch to the TAD/FAX mode.

Note:

- To activate this feature, the phone which is used must be in tone dialling.

4.5.1 Toll saver

When you call the unit from a remote location, the number of rings tells you if there are any new voice-messages.

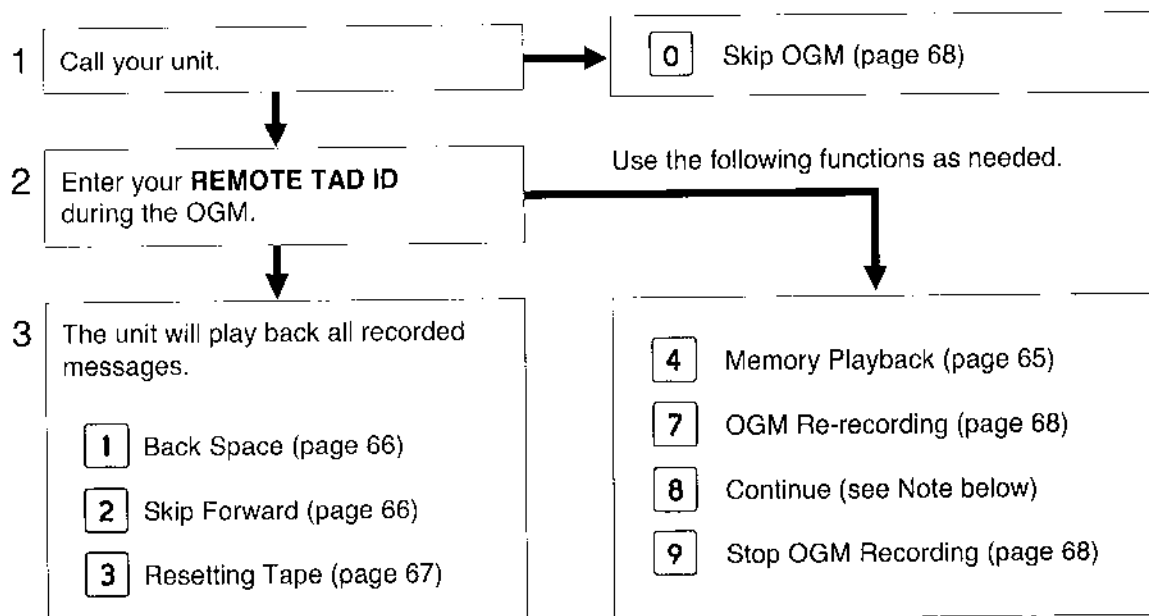
If the unit answers on the 2nd ring, there is at least one new message recorded.

If the unit answers on the 4th ring, there are no new messages recorded.

Hang up immediately when you hear the 3rd ring. The 3rd ring indicates that there are no new messages. This will save you the toll charge for the call.

The toll saver function works only when TAD/FAX RING COUNT is set to the Toll Saver position. See page 77.

4.5.2 Summary of remote control functions



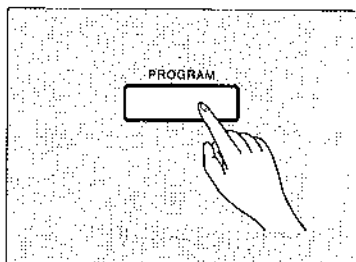
Note:

- During remote operation, the unit will be stopped and 2 beeps will be heard in the following conditions.
 - 2 minutes 40 seconds after your unit answered.
 - Every 2 minutes 40 seconds after pressing the command button.To listen further messages, dial "8" within 10 seconds after hearing two beeps.
- For your convenience, quick reference card for remote operation is attached in these operating instructions. See pages 97 and 98.

4.5.3 Programming a REMOTE TAD ID for remote operation

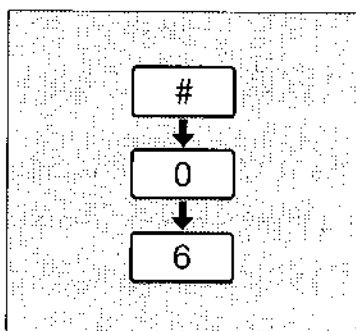
The REMOTE TAD ID prevents unauthorised persons from accessing your unit and listening to your messages. The REMOTE TAD ID is preset to 111. If you wish to change the number, you can choose any number of 3 digits except numbers including zero (0).

You should also use a number that is different from the PRIVACY RING ID (page 61).



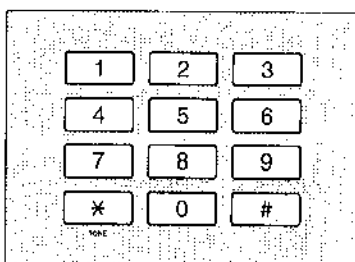
- 1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".



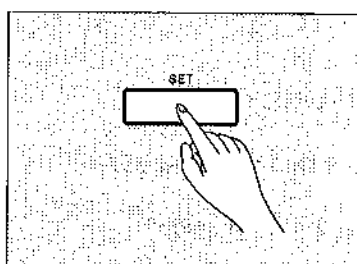
- 2 Press "#", then press "06" for the REMOTE TAD ID setting.

The display shows "P-F06 111".



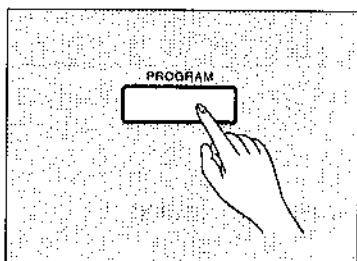
- 3 Enter the desired number for the REMOTE TAD ID by selecting 3 digits.

To correct an error while programming, press the STOP/CLEAR button then correct input.



- 4 Press the SET button to store the program into memory.

The display shows "P-_".



- 5 Press the PROGRAM button to end the operation.

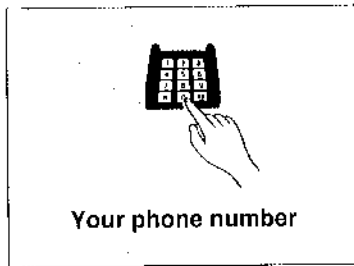
The PROGRAM indicator goes out.

Note:

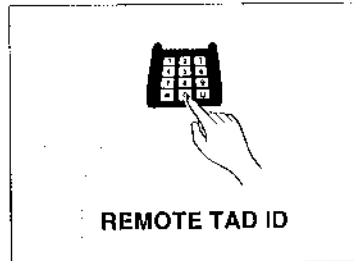
- We recommend that you do not use seven (7) as a code number, since this number is used as the outgoing message re-recording command for remote operations.

4.5.4 Message playback

You can listen to all the recorded messages from a remote location.

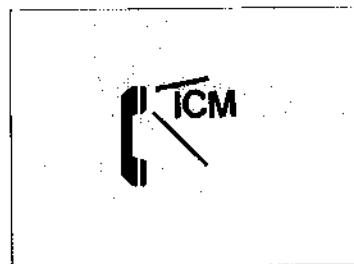


1 Call your unit.



2 Dial your REMOTE TAD ID while the outgoing message (OGM) is playing.

A long beep and a short beep(s) will sound. Short beep(s) indicate(s) the number of recorded message(s) up to 8 times. Even if 9 or more calls are recorded, a short beep sounds 8 times.

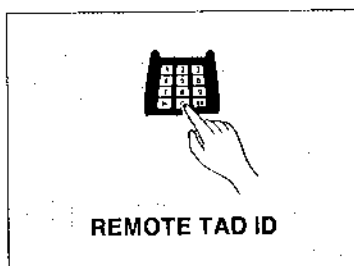


3 The unit rewinds the tape and plays back the message(s) recorded.

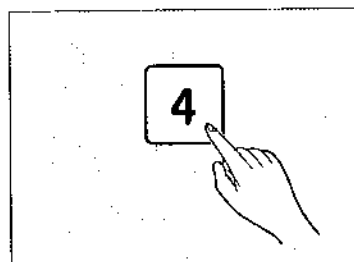
3 beeps will be heard indicating the end of the messages. After hanging up, all the recorded messages are saved and the unit is ready to record further messages.

4.5.5 Newly recorded messages playback (Memory playback)

It is possible to skip over the recorded messages you have already heard and to play back only new messages.



1 Call your unit, then dial your REMOTE TAD ID while the OGM is playing.

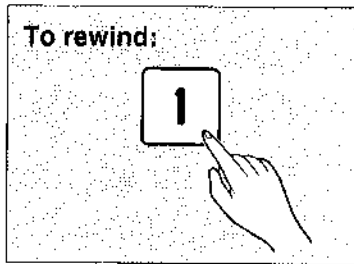


2 Press "4" immediately after hearing the beeps that indicate the number of recorded messages.

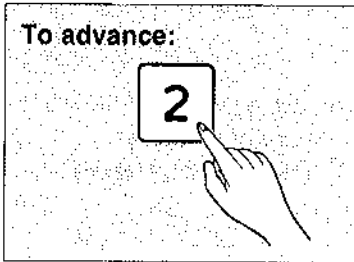
The unit plays back the new messages. Even during the playback of previously heard messages, you can skip them by pressing "4".

4.5.6 Back space and skip forward

While listening to the recorded messages, you can rewind or advance the tape.



To rewind, press "1".



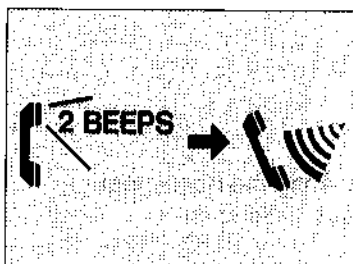
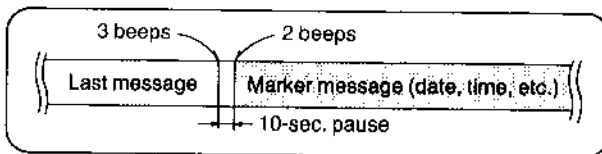
To advance, press "2".

Note:

- The maximum length of a message to be rewound or advanced by one press is approximately 15 seconds. So you may have to press "1" or "2" several times to rewind or advance the tape to the desired position.

4.5.7 Recording a marker message

After playing back the recorded messages, you can leave an additional message on the same call. When replay is finished, wait for 3 beeps indicating the end of the last message. Then wait about 10 seconds for another 2 beeps indicating that the tape is ready for recording.



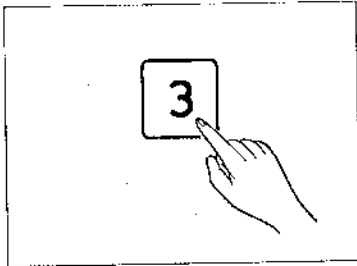
Leave your message after the last 2 beeps.

Hang up when finished. The marker message is recorded after the last message on the tape.

4.5.8 Resetting the tape for future messages

After listening to the recorded messages, you can reset the tape and record future messages from the beginning of the tape.

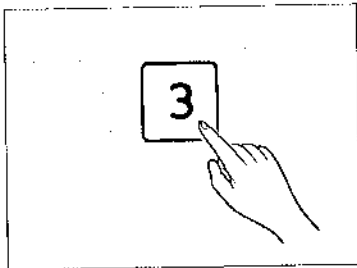
After all the messages have been played back or even while they are being played;



Press "3", then hang up.

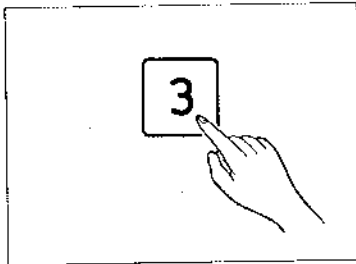
The unit rewinds the tape to the beginning. Future messages will be recorded and the previously recorded messages are lost.

If you have used Memory Playback;



1 Press "3".

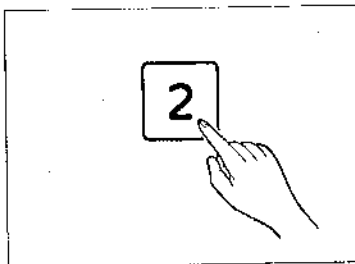
The unit rewinds the tape to the beginning of the newly recorded messages, then beeps.



2 Press "3" again after hearing the beep.

The unit rewinds the tape to the beginning of the previously recorded messages.

If you have reset the tape by mistake;

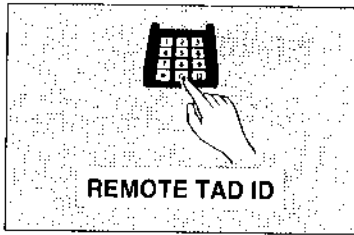


Press "2" after the tape has been reset.

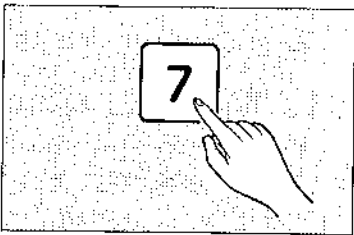
One beep sounds.
The unit advances the tape to the end of the recorded messages.

4.5.9 Re-recording an outgoing message

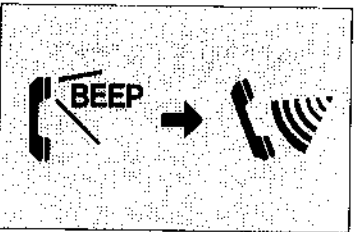
You can change the content of your OGM from a remote telephone.



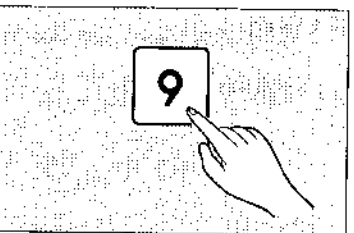
- 1 Call your unit, then dial your REMOTE TAD ID while the OGM is playing.



- 2 Press "7" to start re-recording after hearing the beeps that indicate the number of recorded messages.



- 3 After hearing a long beep, speak clearly and loudly for up to 16 seconds.



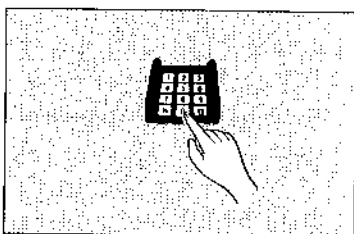
- 4 When you finish, press "9".
The new OGM is played to confirm the change.

Note:

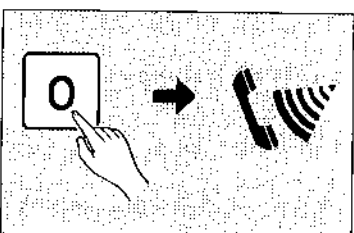
- If you pause for over 2 seconds while recording, the unit beeps and stops the OGM recording. In this case, repeat from step 2 within 10 seconds.

4.5.10 Skipping the OGM for ICM recording

Callers can leave a message on your unit without listening to your OGM.



- 1 Call your unit.



- 2 Press "0" while the OGM is playing.
After hearing a long beep, speak clearly and loudly to leave a message.

4.6 For Mercury dialling

The facsimile unit is fully approved and compatible with the Mercury Telephone network. Mercury's 2300 service is a highly competitive telephone service for the residential and small business user.

Most homes and businesses are now able to access the Mercury network via their existing B.T. line. You can check whether your STD code is in a Mercury access area on the list provided with the Mercury application form.

Not only does Mercury offer significant savings on trunk and international calls but customers also receive fully itemized bills. And with a Customer Assistance Centre caring for the needs of their customers 24 hours a day, Mercury gives its customers the best value for money.

To apply for Mercury's 2300 Service simply complete and return the enclosed application form. If you require any further information you can call Mercury Customer Assistance on 0800 424194 free of charge.

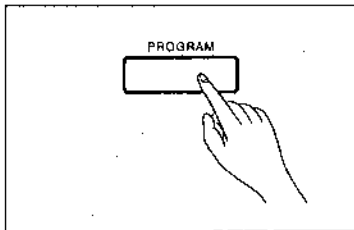
The Mercury button on your telephone enables you to access the Mercury network by means of a PIN Code, for which there is a nominal fixed annual charge (£7.50 plus VAT at time of going to press), call charges are of course extra. No additional telephone lines are required and calls can continue to be made via British Telecom as well as Mercury, using your existing British Telecom telephone line.

4.6.1 Programming the MERCURY button

After you apply for Mercury's 2300 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 the telephone memory using the Mercury button.

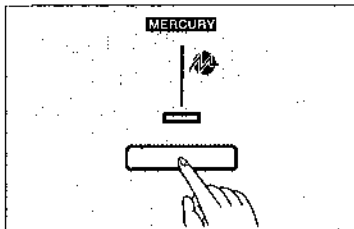
Before programming your telephone with the Mercury PIN code, make sure which type of local BT exchange you are connected to. See "Selector settings" on page 18.

1 Ensure that the unit is plugged into the BT socket.



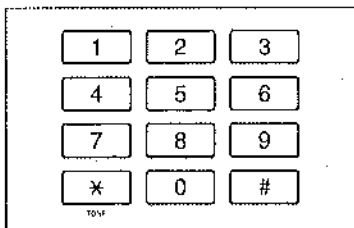
2 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".

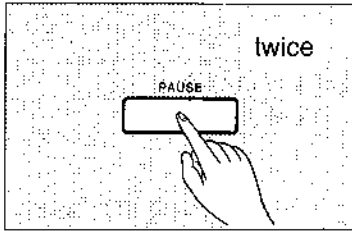


3 Press the MERCURY button.

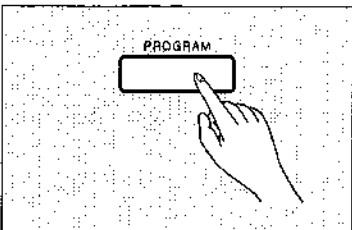
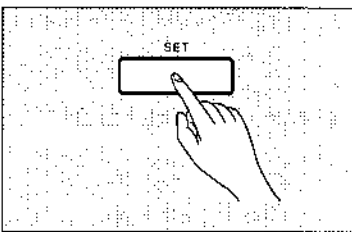
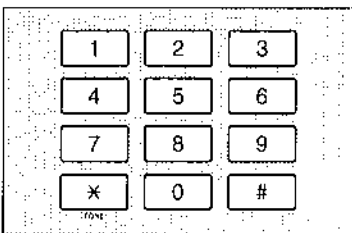
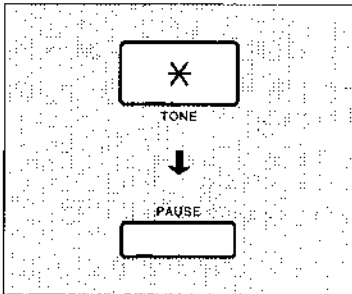
The MERCURY indicator lights and the display shows "P-[U]".



4 Dial 131.



OR



- 5** If you are connected to a **Tone exchange**, proceed as follows.
Press the PAUSE button twice.

If you are connected to a **Pulse exchange**, proceed as follows.
Press the * (TONE) button, then press the PAUSE button once.

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

To correct an error while programming, press the STOP/CLEAR button, then proceed from step 4 again.

- 7** Press the SET button to store the program into memory.
The display shows "P-_".

- 8** Press the PROGRAM button to end the operation.
The PROGRAM indicator goes out.

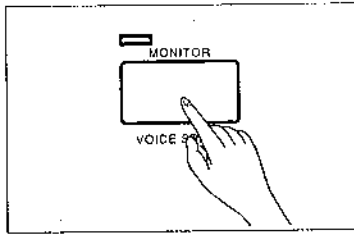
To check if the PIN code has been programmed correctly, pick up the handset, wait for the dialling tone, press the Mercury button (followed by 2 or 3 digit cost centre code* if applicable) and dial 1500. This call is free of charge. After a few seconds you should be connected to a recorded message welcoming you to the Mercury network. If you have any difficulties, please contact Mercury Customer Assistance on 0800-424194 (24 hours).
(*Cost centre code: see page 71.)

4.6.2 Verifying the memory

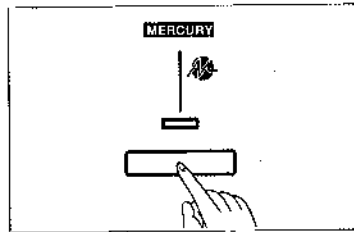
Program the MERCURY button again. When the SET button is pressed, you will hear a beep once, twice or six times for confirmation.

- Once:** No code number is stored beforehand and the number is stored into memory.
Twice: The code number newly entered is the same as that was previously stored.
Six times: The code number newly entered is different from the one that was previously stored. If you want to store the new code number, reset the Mercury dial memory, then reprogram it. For resetting the memory see page 72.

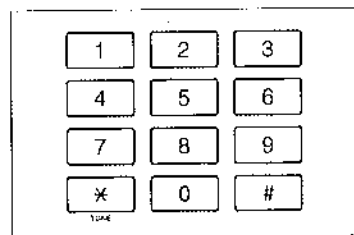
4.6.3 Making a call via Mercury



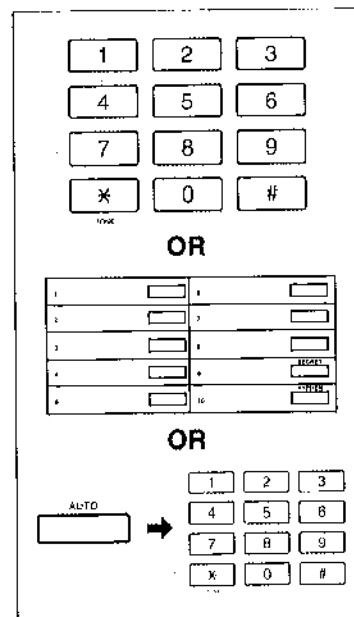
1 Press the MONITOR button or lift the handset.



2 Press the MERCURY button.
The display shows "G".



3 Dial the chosen Cost Centre Code* if applicable (see below).



4 Dial either the number required, speed dial or one touch dial.

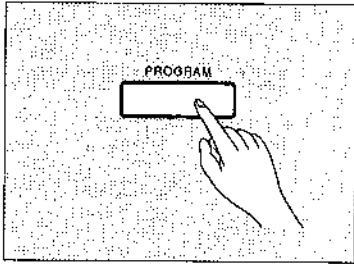
*Cost Centre Codes

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

1. Press the MONITOR button or lift the handset.
2. Press the MERCURY button.
3. Key in the your chosen cost centre code (any two or three digit number except 999).
4. Dial either the number required, speed dial or one touch dial.

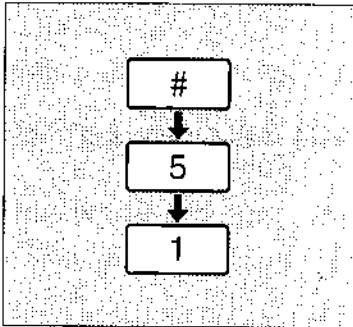
4.6.4 Resetting the Mercury dial memory

When you want to change your Mercury code to a new one, clear the memory by following the steps below first, then reprogram the new code into memory.



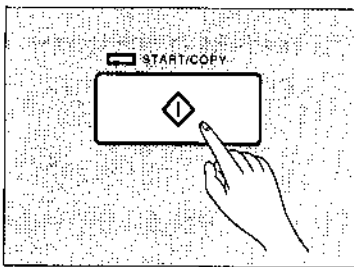
- 1** Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-".



- 2** Press "#", then press "51" for RESET MERCURY DIAL MEMORY setting.

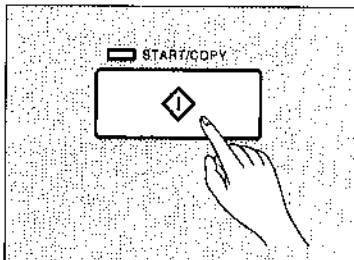
The display shows "P-F51".



- 3** Press the START/COPY button.

The following message will be printed out.

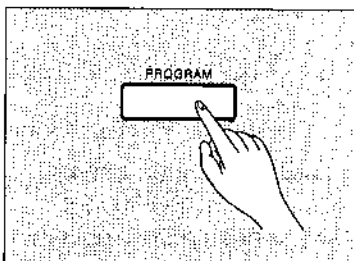
MERCURY DIAL MEMORY RESET OK? YES: PRESS "START/COPY"
NO : PRESS "STOP/CLEAR"



- 4** Press the START/COPY button again.

The following message will be printed out, then the previous Mercury code will be cleared.

MERCURY DIAL MEMORY RESET COMPLETED!



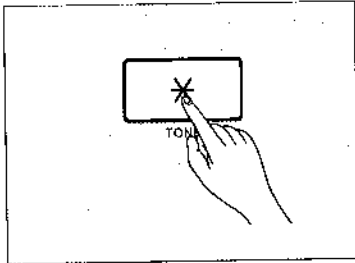
- 5** Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

4.7 Other features

4.7.1 TONE button

This function is useful only when your line has a rotary pulse dial service. Pressing the TONE (*) button will allow you to change dialling mode temporarily from pulse to tone mode during a dialling operation, and enter special tones and codes to operate your answering device, electronic banking services and other special services.



Press the TONE (*) button.

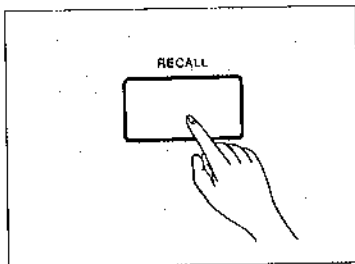
When you hang up, the unit automatically returns to pulse mode.

Note:

- "TONE" can be stored into memory the same way as explained on pages 30 to 33.
- Pressing the TONE button counts as 1 digit while programming.

4.7.2 RECALL button

When the unit is used as an extension on a PABX (Private Automatic Branch Exchange), the RECALL button acts to facilitate the PABX functions such as transfer, recall and hold. See page 78.



Press the RECALL button when required.

Note:

- "RECALL" can be stored into memory the same way as explained on pages 30 to 33.
- Pressing the RECALL button counts as 1 digit while programming.

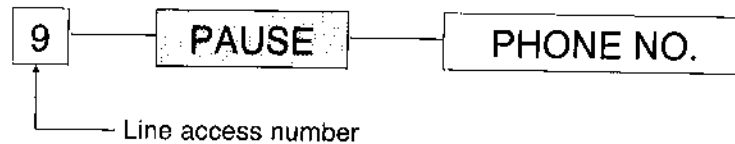
4.7.3 PAUSE button

If the unit is connected to a PABX which requires a pause after the access number before you get an outside line, you will need to use the PAUSE button.

Enter the access number (usually 9 or 7) then press the PAUSE button. This will give a delay of 3.5 seconds.

For longer delay, press the PAUSE button again. Each depression of the PAUSE button will give an additional 3.5 seconds delay.

Do not enter more than 3 consecutive pauses. Failure to comply may result in unsatisfactory operation.



Note:

- “PAUSE” can be stored into memory the same way as explained on pages 30 to 33.
- Pressing the PAUSE button counts as 1 digit while programming.

4.7.4 Combination dialling

The following combination of dialling methods can be used.

- Manual dialling and automatic dialling
- Pulse and Tone dialling
- Plural memory stations

5 User programmable functions

5.1 FAX LOGO HEADING

- ON:** Your logo and telephone number are printed on the top of faxes sent by your unit. (Default)
OFF: Your logo and telephone number are not printed.

Operation

- 1 Press the PROGRAM button.
The PROGRAM indicator lights and the display shows "P-".
- 2 Press "#", then press "05" for FAX LOGO HEADING setting.
The display shows "P-F05 1".
- 3 Press "1" or "2" to select the desired mode.
(1=ON, 2=OFF)
- 4 Press the SET button to store your selection into memory.
- 5 Press the PROGRAM button to end the operation.
The PROGRAM indicator goes out.

5.2 FAX TX SPEED

The unit automatically selects the optimum transmitting speed depending on the line condition and the type of the other facsimile unit. If you frequently experience problems such as transmission errors caused by poor line condition, set to "4800 BPS".

- 9600 BPS:** Maximum speed of 9600 bits per second. (Default)
4800 BPS: Maximum speed of 4800 bits per second.

Operation

- 1 Press the PROGRAM button.
The PROGRAM indicator lights and the display shows "P-".
- 2 Press "#", then press "17" for FAX TX SPEED setting.
The display shows "P-F17 1".
- 3 Press "1" or "2" to select the desired mode.
(1=9600 BPS, 2=4800 BPS)
- 4 Press the SET button to store your selection into memory.
- 5 Press the PROGRAM button to end the operation.
The PROGRAM indicator goes out.

5.3 FAX RX SPEED

The unit automatically selects the optimum receiving speed depending on the line condition and the type of the other facsimile unit. If you frequently experience problems such as reception errors caused by poor line condition, set to "4800 BPS".

9600 BPS: Maximum speed of 9600 bits per second. (Default)

4800 BPS: Maximum speed of 4800 bits per second.

Operation

- 1 Press the PROGRAM button.
The PROGRAM indicator lights and the display shows "P-_".
- 2 Press "#", then press "18" for FAX RX SPEED setting.
The display shows "P-F18 1".
- 3 Press "1" or "2" to select the desired mode.
(1=9600 bps, 2=4800 bps)
- 4 Press the SET button to store your selection into memory.
- 5 Press the PROGRAM button to end the operation.
The PROGRAM indicator goes out.

5.4 RECORDING TIME

The recording time for incoming messages (ICM) can be set to LONG or SHORT.

LONG: The unit records an ICM up to 2 minutes 30 seconds per message. (Default)

SHORT: The unit records an ICM up to 1 minute per message.

Operation

- 1 Press the PROGRAM button.
The PROGRAM indicator lights and the display shows "P-_".
- 2 Press "#", then press "30" for RECORDING TIME setting.
The display shows "P-F30 1".
- 3 Press "1" or "2" to select the desired mode.
(1=LONG, 2=SHORT)
- 4 Press the SET button to store your selection into memory.
- 5 Press the PROGRAM button to end the operation.
The PROGRAM indicator goes out.

5.5 TAD/FAX RING COUNT

This function is available only in the TAD/FAX mode when receiving a call.

If you find there is a difficulty in receiving from machines that have an automatic transmission feature, set to "2" (twice).

0: Toll Saver (See page 63.)

1: When the unit is used as an extension of PMBX (Private Manual Branch Exchange) which uses manual ringing, set to "1". The unit answers on the first ring.

2: The unit answers on the 2nd ring. (Default)

This position may be referred to as "NORMAL" as it enables the unit to answer incoming calls in a reasonably short time.

3: The unit answers on the 3rd ring.

4: The unit answers on the 4th ring.

Operation

- 1 Press the PROGRAM button.
The PROGRAM indicator lights and the display shows "P-_".
- 2 Press "#", then press "32" for TAD/FAX RING COUNT setting.
The display shows "P-F32 2".
- 3 Press "0", "1", "2", "3" or "4" to select the desired mode.
(0=Toll Saver, 1=PMBX, 2=twice, 3=three times, 4=four times)
- 4 Press the SET button to store your selection into memory.
- 5 Press the PROGRAM button to end the operation.
The PROGRAM indicator goes out.

Note:

- Callers are generally accustomed to their calls being answered within 10 seconds and most callers abandon the call in under 45 seconds if no reply is obtained.
This unit will answer incoming calls in under 10 seconds if required.
- "Normal" position should be selected unless you specifically wish to take advantage of the "toll saver facility".

5.6 FAX RING COUNT

This function is available only in the FAX mode when receiving a document.

If you find there is difficulty in receiving from machines that have an automatic transmission feature, set to "2" (twice).

- 1: When the unit is used as an extension of PMBX which uses manual ringing, set to "1". The unit answers on the first ring.
- 2: The unit answers on the 2nd ring. (Default)
- 3: The unit answers on the 3rd ring.
- 4: The unit answers on the 4th ring.

Operation

- 1 Press the PROGRAM button.
The PROGRAM indicator lights and the display shows "P-_".
- 2 Press "#", then press "33" for FAX RING COUNT setting.
The display shows "P-F33 2".
- 3 Press "1", "2", "3" or "4" to select the desired mode.
(1=PMBX, 2=twice, 3=three times, 4=four times)
- 4 Press the SET button to store your selection into memory.
- 5 Press the PROGRAM button to end the operation.
The PROGRAM indicator goes out.

5.7 RECALL MODE

When the unit is used as an extension on a PABX, the RECALL button acts as a hook switch to facilitate the PABX functions such as transfer, recall and hold. Select either Earth Recall or Time Break Recall properly depending on your PABX type.

Operation

- 1 Press the PROGRAM button.
The PROGRAM indicator lights and the display shows "P-_".
- 2 Press "#", then press "37" for RECALL MODE setting.
The display shows "P-F37 1".
- 3 Press "1" or "2" to select the desired mode.
(1=Time Break Recall, 2=Earth Recall)
- 4 Press the SET button to store your selection into memory.
- 5 Press the PROGRAM button to end the operation.
The PROGRAM indicator goes out.

5.8 RESET USER PROGRAMMABLE FUNCTIONS

This operation enables you to return the user programmable functions of #05 through #37 to their initial default settings. The function number #01 through #04 will not be erased.

Operation

- 1 Press the PROGRAM button.
The PROGRAM indicator lights and the display shows "P-".
- 2 Press the "#", then press "50" for RESET USER PROGRAMMABLE FUNCTIONS setting.
The display shows "P-F50".
- 3 Press the START/COPY button.
The following message will be printed out.

```
USER PROGRAMMABLE FUNCTIONS RESET OK?  YES: PRESS "START/COPY"  
                                         NO  : PRESS "STOP/CLEAR"
```

- 4 Press the START/COPY button to return to initial settings.
The following message will be printed out.

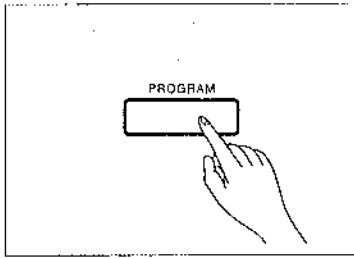
```
USER PROGRAMMABLE FUNCTIONS RESET COMPLETED!
```

OR

Press the STOP/CLEAR button to cancel.

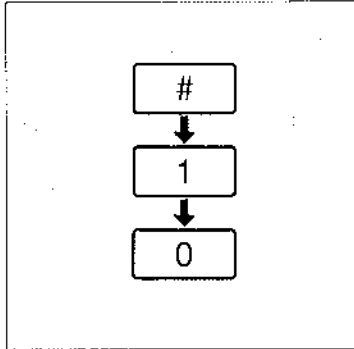
- 5 Press the PROGRAM button to end the operation.
The PROGRAM indicator goes out.

6.1.1 Setting JOURNAL AUTO PRINT



1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".



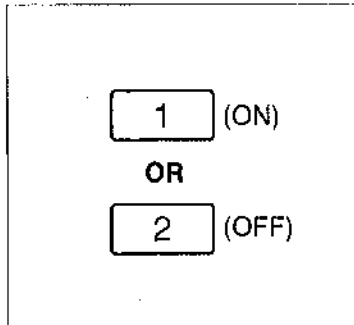
2 Press "#", then press "10" for JOURNAL AUTO PRINT setting.

The display shows "P-F10 1".

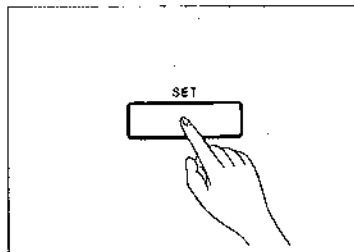
Setting selections are;

1: ON (Prints a report every 30 transactions automatically.)

2: OFF

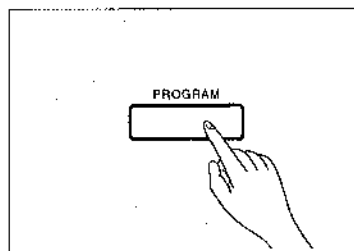


3 Press "1" or "2" to select the desired mode.



4 Press the SET button to store your selection into memory.

The display shows "P-_".

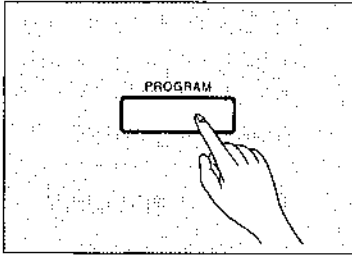


5 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

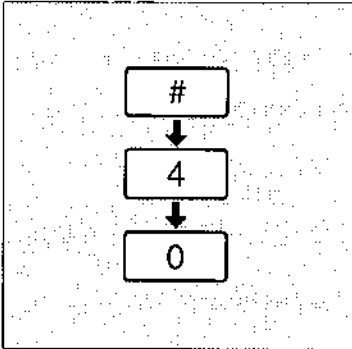
6.1.2 Printing JOURNAL report manually

You can print a report of the current JOURNAL upon request. This will not clear the report which will continue until 30 transactions are completed.



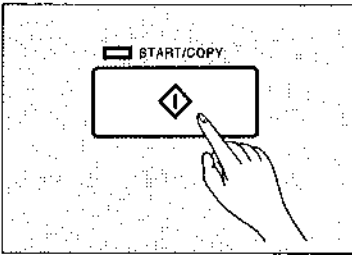
- 1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-".



- 2 Press "#", then press "40" for PRINT JOURNAL setting.

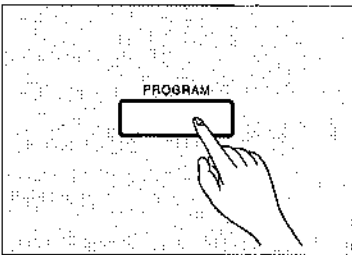
The display shows "P-F40".



- 3 Press the START/COPY button to obtain a report.

The unit will start printing.

If there have been no transactions, no JOURNAL is printed.



- 4 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

6.2 Individual transmission report (TX REPORT)

Each time a document is transmitted, this function gives you a printed record of the transmission. **This function has been preset to OFF as the default.**

The following choices are available:

ON: The report is printed, indicating whether the transmission is successful or not.

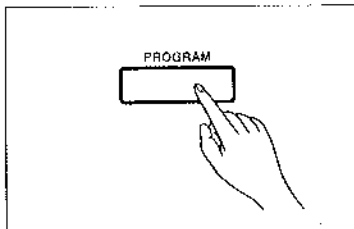
ERROR: The report is printed only when transmission fails.

OFF: The report is not printed.

```

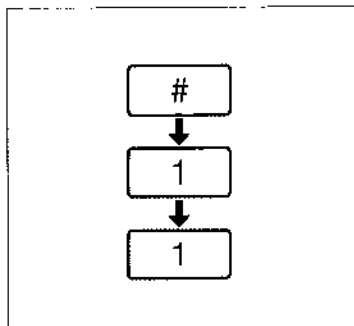
***** TX REPORT *****
*
*                                     Apr. 23 1992  5:36PM
*
*  RECEIVING FACSIMILE    MODE    PAGES    START TIME    USAGE TIME    RESULT
*  -----
*  Panasonic             TX      01     Apr. 23  5:35PM    00'42        OK
*
*
*
*
*
*
*
*
*
*
*
*
*****
  
```

To change the TX REPORT setting:



1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".

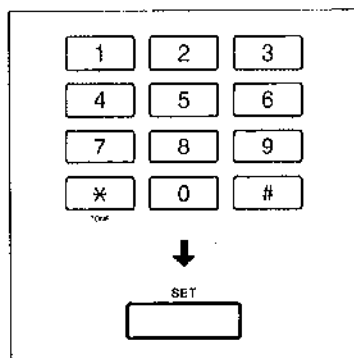


2 Press "#", then press "11" for PRINT TX REPORT setting.

The display shows "P-F11 3".

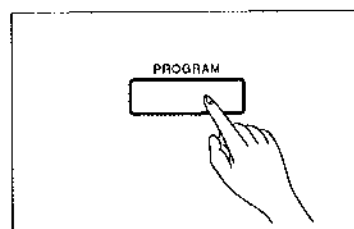
Setting selections are:

- 1: ON
- 2: ERROR
- 3: OFF



3 Press "1", "2" or "3", then press the SET button to store your selection into memory

The display shows "P-_".



4 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

6.3 List of stored phone numbers (TELEPHONE NUMBER LIST)

You can print a list of the numbers programmed for one touch dialling and speed dialling. Use this function to confirm that you have correctly stored phone numbers.

```

***** TELEPHONE NUMBER LIST *****
*
*
*                               Jan. 01 1992  5:40PM
*
*   << STATION KEY LIST >>
*
*-----
*   PHONE NUMBER                PHONE NUMBER
* 01 T123-4567                  06 T0987-654-3210
* 02 T789-1234                  07 R( )-012-[ ]
* 03 R333-3333                  08
* 04                             09
* 05                             10
*
*
*
*   << AUTO KEY LIST >>
*
*-----
*   PHONE NUMBER                PHONE NUMBER
* 00 T233-5555                  25 R111-222-3333
* 01 R456-P753-7568             26 R123-F465-7890
* 02 R( [ ] )                   27 R( [ ] )
* 03                             28
* 04                             29
* 05 T748-7539                  30
* 06                             31
* 07                             32
* 08                             33
* 09                             34
* 10                             35
* 11                             36
* 12                             37
* 13                             38
* 14                             39
* 15                             40
* 16                             41
* 17                             42
* 18                             43
* 19                             44
* 20                             45
* 21                             46
* 22                             47
* 23                             48
* 24                             49
*
*
*
*****

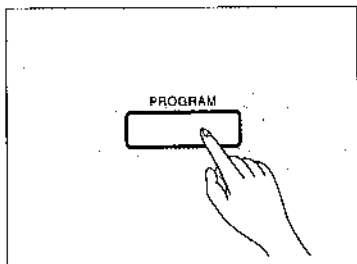
```

Secret phone number

Codes in each phone number

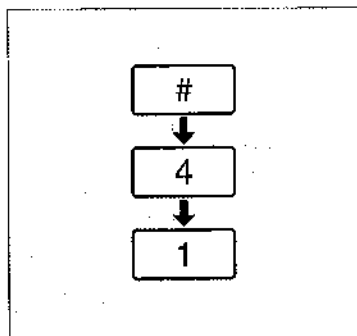
- T: Shows that you have entered the telephone number in the TONE dialling mode.
- R: Shows that you have entered the telephone number in the PULSE (rotary) dialling mode.
- P: Shows that you have entered PAUSE.
- F: Shows that you have entered RECALL.

To obtain the TELEPHONE NUMBER LIST:



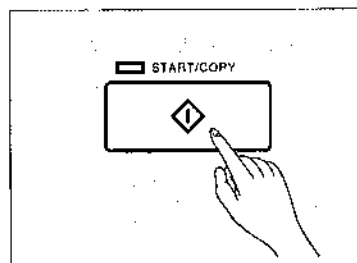
1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P- _".



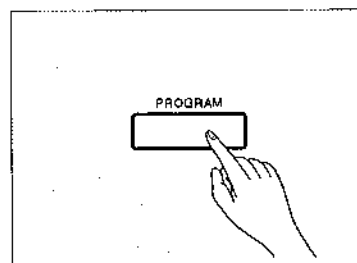
2 Press "#", then press "41" for PRINT TEL LIST setting.

The display shows "P-F41".



3 Press the START/COPY button.

The unit will start printing.



4 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

6.4 CHARACTER CODE LIST

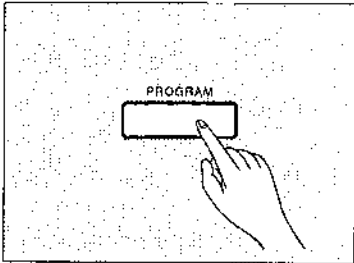
This list is useful as a code reference when programming your logo.

```

***** CHARACTER CODE LIST *****
*
* AC: 00 ) : 10 0 : 20 A : 30 K : 40 U : 50 a : 60 k : 70 u : 80 _ : 90 *
* SP: 01 * : 11 1 : 21 B : 31 L : 41 U : 51 b : 61 l : 71 v : 81 ' : 91 *
* ! : 02 + : 12 2 : 22 C : 32 M : 42 W : 52 c : 62 m : 72 w : 82 < : 92 *
* " : 03 , : 13 3 : 23 D : 33 N : 43 X : 53 d : 63 n : 73 x : 83 | : 93 *
* # : 04 - : 14 4 : 24 E : 34 O : 44 Y : 54 e : 64 o : 74 y : 84 > : 94 *
* $ : 05 . : 15 5 : 25 F : 35 P : 45 Z : 55 f : 65 p : 75 z : 85 ~ : 95 *
* % : 06 : : 16 6 : 26 G : 36 Q : 46 = : 56 g : 66 q : 76 [ : 86 BS: 96 *
* & : 07 : : 17 7 : 27 H : 37 R : 47 > : 57 h : 67 r : 77 ¥ : 87 : 97 *
* ' : 08 : : 18 8 : 28 I : 38 S : 48 ? : 58 i : 68 s : 78 ] : 88 : 98 *
* ( : 09 < : 19 9 : 29 J : 39 T : 49 @ : 59 j : 69 t : 79 ^ : 89 : 99 *
*
* AC : "All Clear", SP : "Space", BS : "Back Space"
*
*****

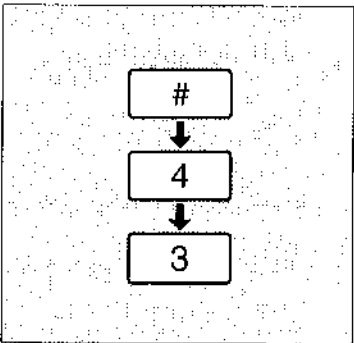
```

To obtain the CHARACTER CODE LIST:



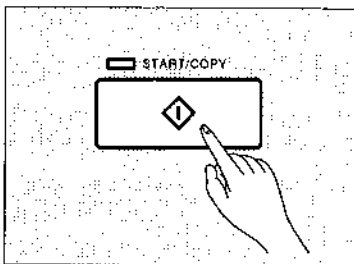
1 Press the PROGRAM button.

The PROGRAM indicator lights and the display shows "P-_".



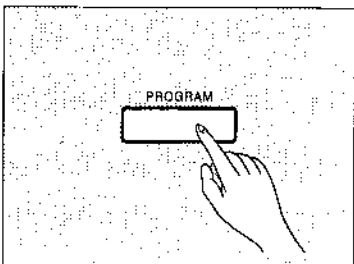
2 Press "#", then press "43" for PRINT CHARACTER CODE setting.

The display shows "P-F43".



3 Press the START/COPY button.

The unit will start printing.



4 Press the PROGRAM button to end the operation.

The PROGRAM indicator goes out.

6.5 SYSTEM SETUP LIST

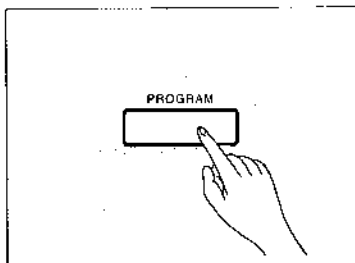
The SYSTEM SETUP LIST provides you with an easy guide for quick programming. It is useful when you confirm the current settings of the programming functions.

```

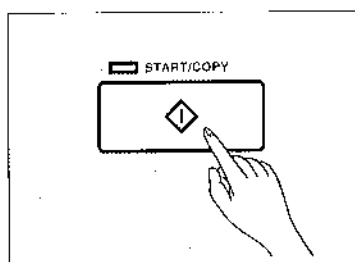
** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** *
*
*      #01 SET DATE           = Jan.01 1992 12:00AM           (*:AM/PM Switch)
*
*      #02 YOUR LOGO         =
*
*      #04 YOUR TELEPHONE NUMBER =
*
*      #05 FAX LOGO HEADING  = ON           ( 1 = ON   2 = OFF   )
*
*      #06 REMOTE TAD ID     = 111
*
*      #08 PRIVACY RING ID   = 333
*
*      #10 JOURNAL AUTO PRINT = ON           ( 1 = ON   2 = OFF   )
*
*      #11 PRINT TX REPORT   = OFF          ( 1 = ON   2 = ERROR  3 = OFF )
*
*      #12 NETWORK PASSCODE  = 0000
*
*      #14 TX PASSCODE CHECK = OFF          ( 1 = ON   2 = OFF   )
*
*      #15 RX PASSCODE CHECK = OFF          ( 1 = ON   2 = OFF   )
*
*      #16 POLLING PASSWORD  = 0000
*
*      #17 FAX TX SPEED       = 9600BPS    ( 1 = 9600BPS  2 = 4800BPS )
*
*      #18 FAX RX SPEED       = 9600BPS    ( 1 = 9600BPS  2 = 4800BPS )
*
*      #23 POLLING            = OFF          ( 1 = ON   2 = OFF   )
*
*      #30 RECORDING TIME     = LONG      ( 1 = LONG   2 = SHORT )
*
*      #32 TAD/FAX RING COUNT = 2         ( 0...4     0:TOLL SAVER 1:PMBX )
*
*      #33 FAX RING COUNT     = 2         ( 1...4     1:PMBX )
*
*      #34 AUTO RECEIVE TIMER = OFF          ( 1 = ON   2 = OFF   )
*
*      ON TIME = 12:00AM
*      MODE = TAD/FAX          ( 1:TAD/FAX 2:FAX )
*
*      OFF TIME = 12:00AM
*      MODE = TELEPHONE       ( 1:TAD/FAX 2:FAX 3:TELEPHONE )
*
*      #37 RECALL MODE        = T_BR      ( 1 = T_BR   2 = E_RE   )
*
*      #40 PRINT JOURNAL
*
*      #41 PRINT TEL LIST
*
*      #42 PRINTER TEST
*
*      #43 PRINT CHARACTER CODE
*
*      #50 RESET USER PROGRAMMABLE FUNCTIONS ( #05 TO #37 )
*
*      #51 RESET MERCURY DIAL MEMORY
*
*
*      --<< HOW TO SET UP >>--
*
*      1. PRESS "PROGRAM"
*      2. PRESS "H" THEN "CODE NO."
*      3. ENTER DESIRED VALUE
*      4. PRESS "SET" TO STORE YOUR SELECTION
*         OR PRESS "START/COPY"
*         FOR #40,#41,#42,#43,#50,#51
*      5. PRESS "PROGRAM" AGAIN TO END SET UP
*
*
*      --<< HOW TO PROGRAM PHONE NO. >>--
*
*      1. CHECK "DIALING MODE" SELECTOR
*      2. PRESS "PROGRAM"
*      3. PRESS "DIRECT CALL" STATION
*         OR PRESS "AUTO" AND "00-49"
*      4. ENTER PHONE NO.
*      5. PRESS "SET" TO STORE PHONE NO.
*         TO STORE IN SUCCESSION,
*         REPEAT STEP 3 TO 5
*      6. PRESS "PROGRAM" TO END SET UP
*
*
* ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** *

```

To obtain the SYSTEM SETUP LIST:



- 1 Press the PROGRAM button.
- The PROGRAM indicator lights.



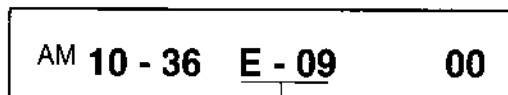
- 2 Press the START/COPY button.
- The unit will start printing.
When finished, the PROGRAM indicator light goes out.

7 Troubleshooting and Maintenance

7.1 Error code

The error code appears on the display when any trouble occurs.

<Example>



Error code

The error code also corresponds to the numeral following "NG" on JOURNAL and TX REPORT.

ERROR CODE	CAUSE & REMEDY
01	Power supply overheating. Allow the unit to cool.
02	Interrupted transmission. Retry or check parameters.
03	Document jammed or not fed into the unit properly. Check document path. If a document is jammed, open the cover, then remove the document.
04	Transmission or reception error. Retry the operation.
05	Printing head overheating. Allow the unit to cool.
06	The unit is out of recording paper. Check recording paper.
07	The cover is open. Check cover latch.
09	Network communication failed. Confirm that your passcode corresponds to that of the other unit.
20	Memory check error. Memory (phone numbers, parameters, etc.) has been erased. Reprogram.
21	Power failed. Call counter shows "--". Check your messages.
22	Timer IC error. Service required.
30	OGM is not recorded. Record your OGM.
31	Microphone error. Service required.
32	ICM recording tape is broken or not installed. Install a new tape, and record your OGM.

7.2 General corrective measures

The ALARM indicator

PROBLEM	CAUSE & REMEDY
The indicator flashes after transmission.	<ul style="list-style-type: none">• A transmission error has occurred. Try again.
The indicator lights.	<ul style="list-style-type: none">• Confirm that the covers of the unit are closed firmly.• Your OGM is not recorded. See pages 22 and 23.
The indicator lights during transmission.	<ul style="list-style-type: none">• A document more than 600 mm is being transmitted.• A document is jamming. Remove it.• Connect the unit to a line that does not have special telephone service such as call waiting.

Answering Device & Telephone

PROBLEM	CAUSE & REMEDY
The unit does not work when any button is pressed.	<ul style="list-style-type: none">• Turn the POWER switch off, then turn it on again.
The unit has been set to the TAD/FAX mode, but no voice-messages have been recorded.	<ul style="list-style-type: none">• The tape is not installed properly or is broken (cut, worn out or twisted). Install the tape or replace it with a new one.
When the tape is played, the sound level is low or nothing can be heard.	<ul style="list-style-type: none">• Raise the sound level using the VOLUME control.• Clean the head of the cassette deck compartment. See page 92.
I have played back all the recorded messages and I want to record the next call after the last message.	<ul style="list-style-type: none">• Leave the unit as it is after hearing the messages.
I cannot retrieve recorded messages from a remote phone.	<ul style="list-style-type: none">• Make sure that you use your REMOTE TAD ID number correctly.• When you press your REMOTE TAD ID number, press the buttons firmly.
The unit does not ring.	<ul style="list-style-type: none">• Set the RINGER volume selector to the HIGH or LOW position.

Facsimile

PROBLEM	CAUSE & REMEDY
I cannot receive documents automatically.	<ul style="list-style-type: none">● Make sure that recording paper is installed properly.● Make sure the RECEIVE MODE of the unit is set to TAD/FAX or FAX mode and not to TEL mode.● Shorten your OGM.
Recording image is faint and I cannot read it well.	<ul style="list-style-type: none">● The sender transmitted a faint document. Request him to transmit the clearer copied document again.
The other party complains that the letters on the document are distorted.	<ul style="list-style-type: none">● If your line has special telephone service such as call waiting, it may have been activated by another telephone call. Connect the unit to a line that does not have such service.● Be sure any other telephone is not connected to the same line as your unit.
The START/COPY indicator flashes for about 40 seconds after the unit receives a call automatically, but nothing is recorded.	<ul style="list-style-type: none">● The caller hangs up during or immediately after playing back your OGM. This may occur if the disconnect signal is not transmitted from the central office.
When I receive or copy a document that has a dark background or contains photographs, the unit produces a high pitched noise.	<ul style="list-style-type: none">● This is quite normal.
The unit does not operate properly.	<ul style="list-style-type: none">● Turn the POWER switch off, then turn it on again.
Problems when receiving international facsimiles.	<ul style="list-style-type: none">● Shorten your OGM to 10 seconds or less.● FAX RX SPEED may need to be set to 4800 BPS. See page 76.
The recording paper does not move during copying or receiving.	<ul style="list-style-type: none">● Make sure that the recording paper is correctly inserted between the upper guide plate and lower guide plate.● If the recording paper is wrapped around the roller, turn off the power and remove the paper. Cut off any part of the paper that is creased, and reinsert the paper between the guides.

7.3 Paper jams

Document jams:

Open the cover by pressing the BACK LID OPEN lever and clear the document that is causing problem.

Recording paper jams:

Open the cover by pressing the FRONT LID OPEN lever and remove the recording paper and re-install it properly. (See pages 14 and 15.)

7.4 Paper out

Replace the paper roll with a new one,
— when the red lines appear on both sides of the recording paper.
— when the PAPER OUT indicator lights.
— when the display shows "E-06".

The unit cannot receive a document without the paper roll. To install the paper roll, see pages 14 and 15.

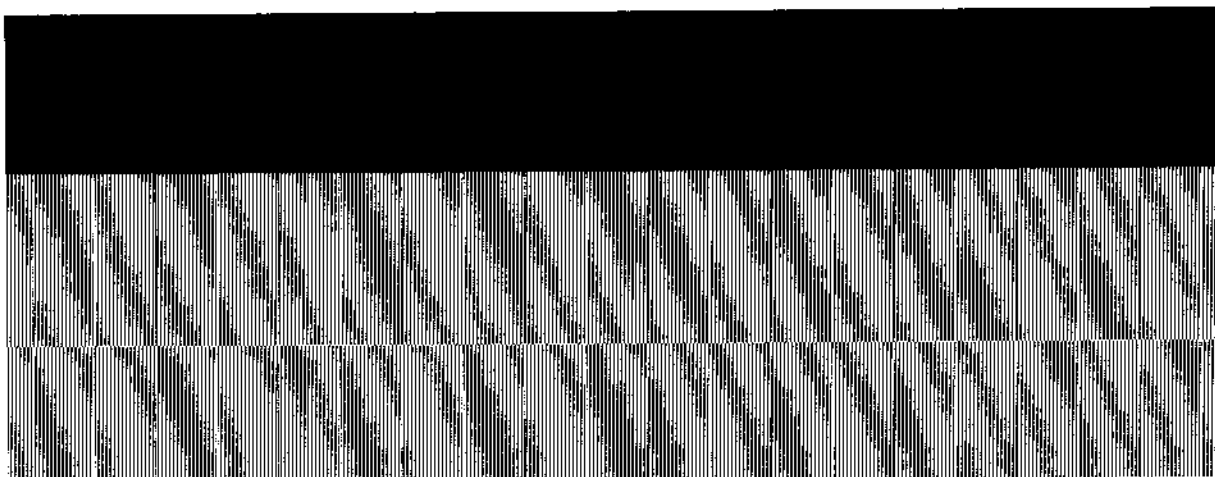
7.5 Printer test

You can check the print quality of your unit by printing the test pattern.
If the test pattern has any blurred points or lines or a dirty pattern, please clean the thermal head and rollers following the instructions on page 93.

To obtain the test pattern, follow the steps below.

- 1 Press the PROGRAM button.
The PROGRAM indicator lights and the display shows "P-_".
- 2 Press "#", then press "42" for PRINTER TEST setting.
The display shows "P-F42".
- 3 Press the START/COPY button.
The unit prints the pattern as shown below.
- 4 Press the PROGRAM button to end the operation.
The PROGRAM indicator goes out.

Sample of Test pattern



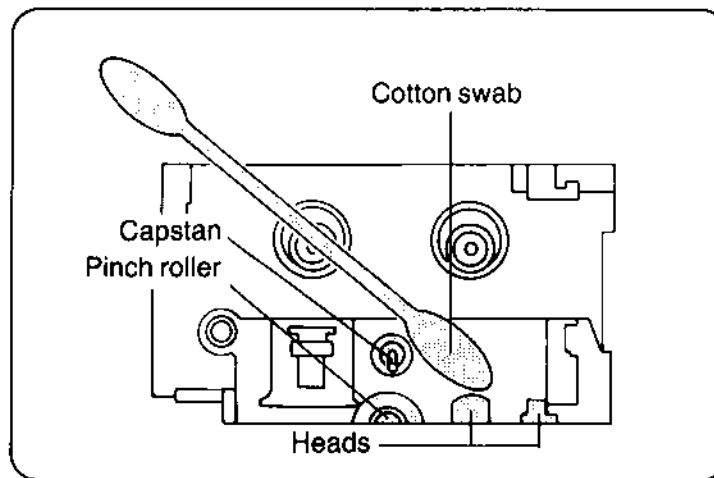
7.6 Maintenance

Be sure that the mains plug is disconnected from the outlet before performing any maintenance.

7.6.1 Cassette deck

Since the head and capstan assemblies are in contact with the tape, dirt and residue from the tape may easily adhere to these parts, causing distortion. Clean these parts periodically in the manner described below for the best sound quality.

1. Open the cassette compartment cover and remove the micro cassette tape.
2. Clean the head surfaces, pinch roller and capstan with a cotton swab.
If these surfaces are extremely dirty, wipe them with a cotton swab dampened with alcohol, then wipe them with a dry soft cloth.



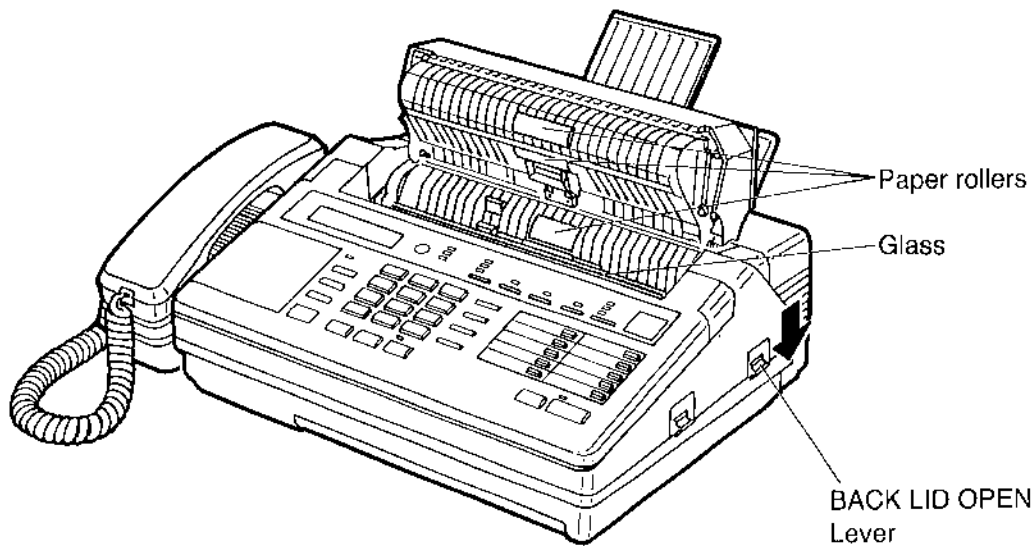
Note:

- Do not bring magnetic or metal objects, such as a screwdriver, near the head assembly, as such objects could magnetize the heads.
- Do not oil any part of the unit.

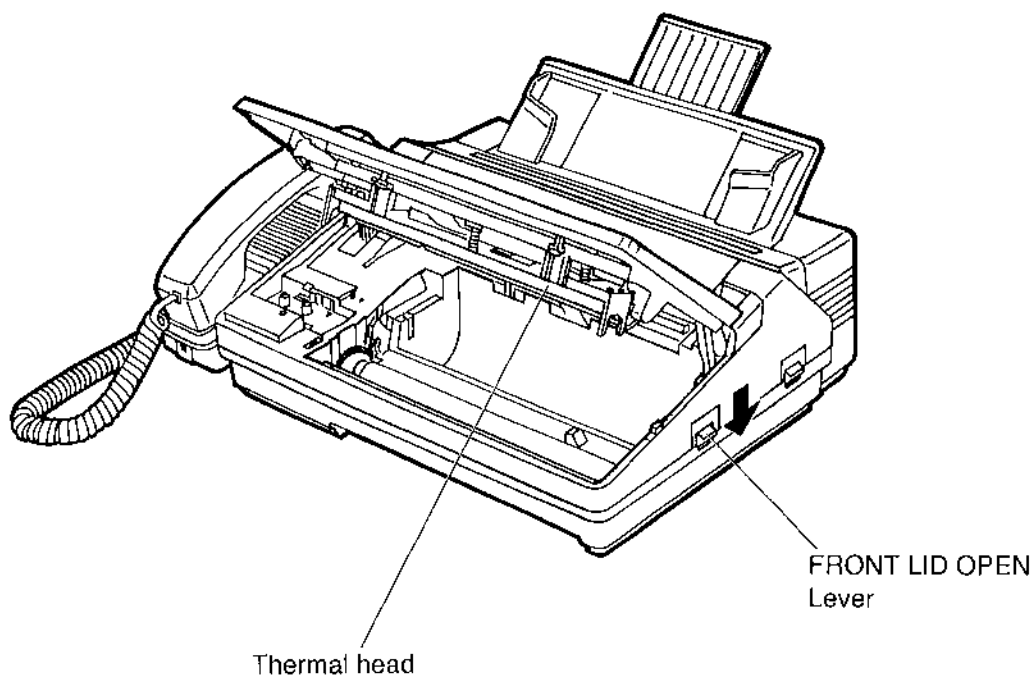
7.6.2 Facsimile machine

If a streak or a dirty pattern appears on a copied, transmitted or received document;

1. Clean the glass with a dry soft cloth.
2. Clean the paper rollers with a damp cloth, then dry thoroughly to prevent the paper from jamming.



If you cannot get a clear copy after performing the above steps 1 and 2, clean the thermal head with a cloth moistened with denatured alcohol (alcohol without water), then dry thoroughly. To prevent malfunction due to static electricity, do not use a dry cloth and do not touch the thermal head with your finger directly.



7.7 Specifications

Type:	Desktop
Applicable Lines:	Public Switched Telephone Network
Compatibility:	CCITT G3
Document Size:	Max. 216 mm in width, Max. 600 mm in length
Effective Scanning Width:	Max. 208 mm
Printing Paper Size:	210 mm×30 m roll
Effective Printing Width:	208 mm
Transmission Time*:	Approx. 30 sec/page (G3 Normal mode) Approx. 17 sec/page (Original mode)
Scanning Density:	Horizontal 8 pels/mm Vertical 3.85 lines/mm — Standard 7.7 lines/mm — Fine 15.4 lines/mm — Superfine
Scanner Type:	CCD image sensor
Printer Type:	Thermal printing
Data Compression System:	Modified Huffman (MH)
Modem Speed:	9600/7200/4800/2400 bps; Automatic Fallback
Automatic Document Feeder:	Max. 10 sheets
Temperature Range:	5°–35°C
Humidity Range:	45%–85%
Dimensions (H×W×D):	125×429×312 mm
Weight:	5.2 kg
Power Consumption:	Approx. 65 W
Power Supply:	AC 220–240 V, 50 Hz

*Transmission Time:

Transmission times apply to text data using CCITT No. 1 test chart, between same machine models at maximum modem speed.

Transmission times vary in actual usage.

SPEED DIALLING LIST

Code	Name	Code	Name
00		25	
01		26	
02		27	
03		28	
04		29	
05		30	
06		31	
07		32	
08		33	
09		34	
10		35	
11		36	
12		37	
13		38	
14		39	
15		40	
16		41	
17		42	
18		43	
19		44	
20		45	
21		46	
22		47	
23		48	
24		49	

Transmitting a document using speed dialling:

Insert the documents FACE DOWN, then press the AUTO button and the code number (00 through 49).

SPEED DIALLING LIST

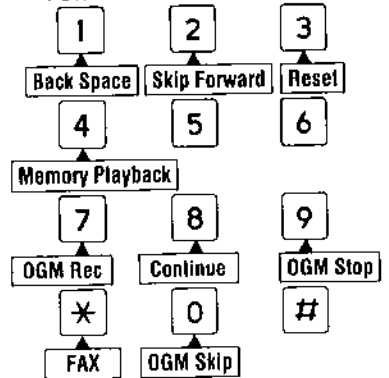
Code	Name	Code	Name
00		25	
01		26	
02		27	
03		28	
04		29	
05		30	
06		31	
07		32	
08		33	
09		34	
10		35	
11		36	
12		37	
13		38	
14		39	
15		40	
16		41	
17		42	
18		43	
19		44	
20		45	
21		46	
22		47	
23		48	
24		49	

Transmitting a document using speed dialling:

Insert the documents FACE DOWN, then press the AUTO button and the code number (00 through 49).

QUICK REFERENCE CARD

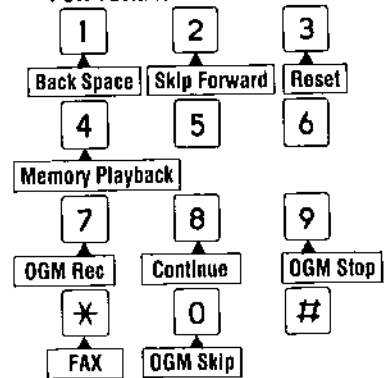
FOR TONE REMOTE CONTROL



- To set the TAD/FAX mode, call your unit and wait for 20 rings. The unit will answer, then hang up.
- To send the document, press *****. The "beep" (answering carrier tone) is heard. Then start transmission.

QUICK REFERENCE CARD

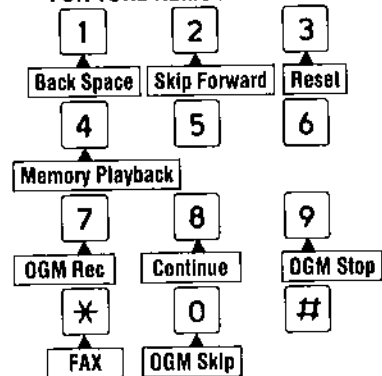
FOR TONE REMOTE CONTROL



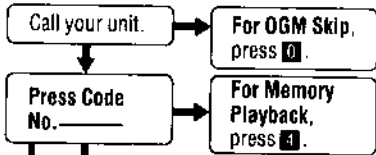
- To set the TAD/FAX mode, call your unit and wait for 20 rings. The unit will answer, then hang up.
- To send the document, press *****. The "beep" (answering carrier tone) is heard. Then start transmission.

QUICK REFERENCE CARD

FOR TONE REMOTE CONTROL



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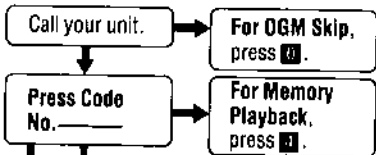
To re-record the OGM:

- 1 Press 7.
- 2 Speak after the long beep.
(Do not pause for over 2 sec.)
- 3 When finished, press 9.

During ICM playback:

- For Back Space, press 1.
- For Skip Forward, press 2.
- For ICM Tape Reset, press 3.
- To save the ICM, hang up after playback.
- To record a Marker Message, speak after hearing 2 beeps.
- To continue, press 8.

•When you press any button, press firmly.



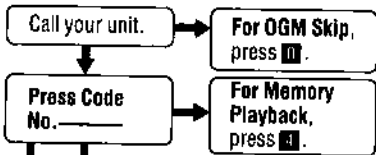
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FAX CORRESPONDENCE

TO: _____ **DATE:** _____
FROM: _____ **OUR TEL. NO.:** _____

We would like to take this opportunity to introduce you to our Panasonic telephone answering device with facsimile. Our unit will work as a facsimile, an answering device and a standard telephone, so you can send both documents and voice-messages on the same call.

Transmitting a voice-message and a document

1. Dial our phone number. Our unit will play the OGM.
2. Leave your message after the long beep.
3. Press * (asterisk) button of your phone after recording your ICM. Our unit will switch to the facsimile mode and a fax tone sounds.
4. Start transmission to send a fax after hearing the fax tone.

Transmitting a document only

1. Dial our phone number. Our unit will play the OGM.
2. Start transmission to send a fax while the OGM is being played.
 - You may press * (asterisk) button while the OGM is being played. Start transmission after hearing the fax tone.

If you call from a rotary (pulse) phone:

Transmitting a document only

1. Dial our phone number. Our unit will play the OGM.
2. Start transmission to send a fax while the OGM is being played.

Transmitting a document and a voice-message

1. Dial our phone number. Our unit will play the OGM.
2. Start transmission to send a fax.
3. Make a call reservation (e.g. ...lift the handset) during transmission of your document.
4. Leave your message after the long beep following the OGM.

- Note:**
- If our unit is in a fax mode, the OGM is not played and a fax tone sounds. You cannot talk to us, and fax reception only is available.
 - OGM: Outgoing message from our unit.
 - ICM: Incoming message you will record.
 - Fax tone: Answering Carrier Tone.

GUARANTEE CONDITIONS OF GUARANTEE

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

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

Please keep these Operating Instructions with your receipt.

Panasonic Business Systems U.K.

Receipt No. _____	Date of Purchase _____
Model No. <u> KX-F2060BE </u>	Serial No. _____

