



FOR FAX ADVANTAGE ASSISTANCE: - CALL 1-800-HELP-FAX (1-800-435-7329)

- E-MAIL TO
 - consumerproducts@panasonic.com for customers in the U.S.A. or Puerto Rico
- REFER TO www.panasonic.com for customers in the U.S.A. or Puerto Rico

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

This model is designed to be used only in the U.S.A.

Thank you for purchasing a Panasonic facsimile.

Things you should keep a record of

Attach your sales receipt here

Date of purchase	Serial number	
	(found on the rear of the unit)	
Dealer's name and address		

Caution:

- The Telephone Protection Act of 1991 requires the following information to be clearly stated either at the top or bottom margin of the first message page when transmitting messages via telephone facsimile
 - date and time of transmission,
 - identification of the business, entity or person(s) sending the facsimile, and
 - telephone number of the business, entity or person(s)

To program this information into your unit, complete all the instructions on pages 15 to 18

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

Energy Star

As an ENERGY STAR[®] Partner, Panasonic has determined that this product meets the ENERGY STAR guidelines for energy efficiency ENERGY STAR is a U S registered mark



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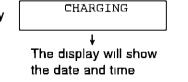
For best performance

Battery charge

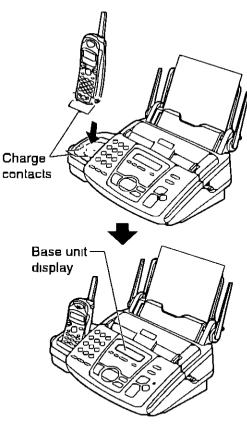
Lay the handset in the cradle of the base unit for about 6 hours before initial use

 A beep will sound, and the following will be displayed for an instant on the base unit

Base unit display

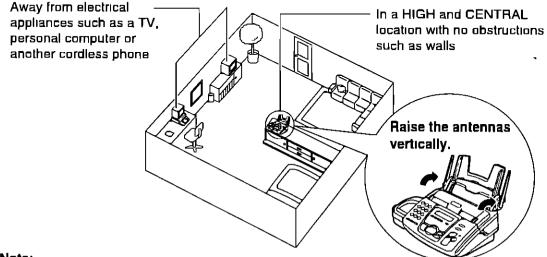


• For further details, see page 20



Operating distance and noise

Calls are transmitted between the base unit and the handset using wireless radio waves For maximum distance and noise-free operation, the recommended base unit location is



Note:

- If you are using the handset near a microwave oven which is being used, noise may be heard from the receiver. Move away from the microwave oven and closer to the base unit.
- If more than one cordless phone is being used and your handset is near another cordless phone's base unit, noise may be heard. Move away from the other cordless phone's base unit and closer to your base unit.

Important safety instructions =

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

- 1 Read and understand all instructions
- 2 Follow all warnings and instructions marked on this unit
- 3 Unplug this unit from power outlets before cleaning Do not use liquid or aerosol cleaners Use a damp cloth for cleaning
- 4 Do not use this unit near water, for example near a bath tub, wash bowl, kitchen sink, or the like
- 5 Place the unit securely on a stable surface Serious damage and/or injury may result if the unit falls
- 6 Do not cover slots and openings on the unit They are provided for ventilation and protection against overheating Never place the unit near radiators, or in a place where proper ventilation is not provided
- 7 Use only the power source marked on the unit if you are not sure of the type of power supplied to your home, consult your dealer or local power company
- B For safety purposes this unit is equipped with a grounded plug If you do not have this type of outlet, please have one installed Do not defeat this safety feature by tampering with plug
- 9 Do not place objects on the power cord Install the unit where no one can step or trip on the cord
- 10 Do not overload wall outlets and extension cords This can result in the risk of fire or electric shock
- 11 Never push any objects through slots in this unit This may result in the risk of fire or electric shock Never spill any liquid on the unit
- 12 To reduce the risk of electric shock, do not disassemble this unit Take the unit to an authorized service center when service is required Opening or removing covers may expose you to dangerous voltages or other risks incorrect reassembly can cause electric shock when the unit is subsequently used
- 13 Unplug this unit from the wall outlet and refer servicing to an authorized service center when the following conditions occur
 - A When the power supply cord or plug is damaged or frayed

- B If liquid has been spilled into the unit
- C If the unit has been exposed to rain or water
- D If the unit does not work normally by following the operating instructions Adjust only controls covered by the operating instructions Improper adjustment may require extensive work by an authorized service center
- E If the unit has been dropped or physically damaged
- F If the unit exhibits a distinct change in performance
- 14 During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning
- 15 Do not use this unit to report a gas leak, when in the vicinity of the leak

SAVE THESE

INSTALLATION:

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

WARNING:

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

OTHER INFORMATION:

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

CAUTION:

Battery

To reduce the risk of fire or injury to persons, read and follow these instructions

- Use only the battery(les) specified
- Do not dispose of the battery(ies) in a fire They may explode Check with local waste management codes for special disposal instructions
- Do not open or mutilate the battery(ies) Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed
- Exercise care in handling batteries in order not to short the battery to conductive materials such as rings, bracelets, and keys The battery and/or conductor may overheat and cause burns
- Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual

Splash-resistant (Handset only)

The handset is designed to be splash resistant and you can use the handset with wet hands, but please note the following

- Do not immerse in water or leave under running water
- Keep the handset away from salt water
- Avoid exposure to prolonged high humidity
- Since water in headset jack may cause damage, close the headset jack cover when the optional headset is not in use. When the optional headset is connected, do not use the handset with wet hands.
- If the handset is wet, wipe with a soft dry cloth
- The base unit is not designed to be splash resistant. Do not place the wet handset on the base unit

Shock-resistant (Handset only)

Although the handset is designed to be shock resistant, do not throw or step on the handset

NOTICE:

- Operating near 2 4GHz electrical appliances may cause interference. Move away from the electrical appliances and/or press the CH (Channel) button
- Consult the manufacturer of any personal medical devices, such as pacemakers, to determine if they are adequately shielded from external RF (radio frequency) energy (The unit operates in the frequency range of 2401MHz to 2472MHz, and the power output level can range from 0 001 watts to 0 20 watts) Do not use the unit in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF (radio frequency) energy

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Included accessories

Power cord 1	Telephone line cord 1	Cordless handset 1	Belt clip 1
Part No PFJA1030Z	Part No PQJA10075Z	 The rechargeable battery is pre-installed 	Part No PQ K E10127Z1
Paper tray 1	Ink film 1 (Included film roll)	A4 paper guide 1	Operating instructions
Porto a		al all	
Part No_PFKS1060Z1		Part No PFZMFPG175M	Part No PFQX1601Z

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

Accessory information =

The included film roll is 10 meters (32%') long. We recommend that you buy a full-size replacement film – 50 meters (164') for continuous use of your unit. For best results, use genuine Panasonic replacement film Model No. KX-FA53 or KX-FA55.

Model No	Item	Specifications / Usage
KX-FA53	Replacement film	1 roll – 216 mm x 50 m (8½" x 164')
KX-FA55	Replacement film	2 rolls – 216 mm x 50 m (8½" x 164')
KX-FA51	Legal paper tray	To install legal size recording paper
P-P510	Rechargeable battery	NI-Cd battery for the cordless handset
КХ-ТСАВВ	Headset	For a hands-free telephone conversation

- The ink film is not reusable. Do not rewind and use the ink film again.
- To place an order

Telephone:	Call 1-800-332-5368
Fax:	Send a fax to 1-800-237-9080
	Include — your name, shipping address and telephone number,
	 credit card type, number, expiration date and your signature,
	 order part number and quantity
Internet:	Visit our web site http://www.panasonic.com/store
	(for customers in the U.S.A. or Puerto Rico ONLY)
If you have	any questions about internet orders, please contact us at

E-mail: panasonicdirect@panasonic.com

Telephone: 1-201-348-7292

Help Button / Finding the Controls (Base Unit)

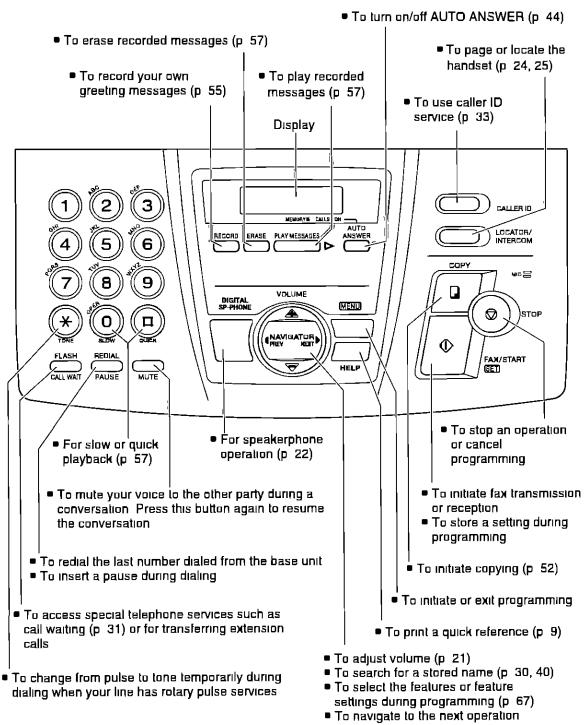
Help function —

You can print a quick reference for assistance as follows

7. How to use the copier function Press (HELP) COPIER PRESS NAVI [◀►] Display PRESS SET & SET Frequently asked questions and Press () or () until the desired item is answers displayed 0 and A 1 How to send faxes with the voice guide PRESS SET SEND GUIDE 9. Explanation of error messages PRESS SET shown on the display How to set the date, time, your logo and ERBORS PRESS SET lax number 10, List of available reports OUICK SET UP PRESS SET REPORTS 3 How to program the features PRESS SET FEATURE LIST 11 How to use the Caller ID service PRESS SET CALLER ID 4. How to store names in the directory and PRESS SET how to dial them. Press (SET) DIRECTORY PRESS SET PRINTING 5. Help with problems operating the answering device TAD OPERATION 123 PRESS SET 456 789 6 Help with problems sending/receiving • • • faxes FAX SND/RCV 000 PRESS SET Display ((HELP) (SET) Overview a Antennas Recording paper entrance Paper trav Document guides -Tension bar Speaker Recording paper exit (Left side of the unit) -----Up to 30 sheets of printed. paper can be held Back cover Front cover Back cover open button Document exit Document entrance Note: Microphone The document will be ejected from the front of the unit. To talk with the other party Install the unit on a desk or floor with a smooth surface and do not place anything in front of the unit when using the speakerphone

Finding the Controls (Base Unit)

Location =



Ink film – installing / replacing ====

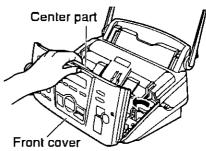
Install the included ink film or replace the used ink film with a new one The following ink films are available for replacement Model No KX-FA53 Replacement film (1 roll) Model No. KX-FA55: Replacement film (2 rolls) Each roll prints about 150 letter-sized pages. See page 8 for accessory information

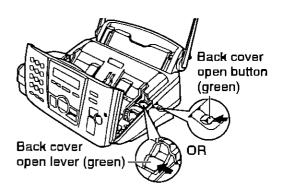


Open the front cover by pulling up the center part

Push the back cover open button (green) on

Push the back cover open lever (green)





Back cover



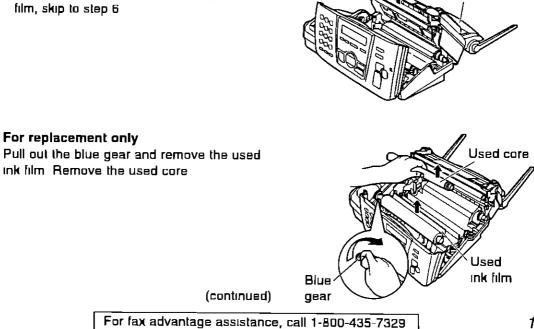
Open the back cover

2 the right side of the unit

inside of the unit

OR

For first time installation of the supplied ink film, skip to step 6



Setup (Base Unit)

For replacement only

Remove the stoppers and tags from the new Tags ink film Find the "T" shaped gear (blue) Stopper New ink film Stopper "T" shaped gear (blue) Insert the blue core of the front ink film roll 6 "T" shaped Rear ink film roll into the right slot of the unit (1) Insert the gear (blue) "T" shaped gear (blue) into the left slot of Right the unit (2)slot Insert the rear ink film roll (3)Left slot Front ink film roll Blue core Turn the "T" shaped gear (blue) in the "T" shaped gear (blue) direction of the arrow Make sure that the ink film is wrapped around the blue core at least once Correct Incorrect The ink film is not wrapped Tight around the blue core Blue core Ink film Reverse Slack Close the back cover securely by pushing 8 Dotted down on the dotted area at both ends ((1))area Close the front cover securely (2)The following will be displayed while the unit is checking that there is no slack in the ink film

Display PLEASE WAIT

Note.

 The ink film is completely safe to louch, and will not rub off on your hands like carbon paper

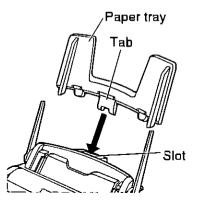
Display

Front cover

Back cover

Paper tray =

Insert the tab on the paper tray into the slot on the back of the unit



Note

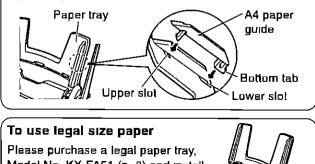
 Do not place the unit in areas where the paper tray may be obstructed (i.e. by a wall, etc.)

Recording paper =

To use A4 size paper

Insert the bollom tab on the A4 paper guide into the lower slot. Press the guide into the upper slot

Change the recording paper size (feature #16 on page 69)



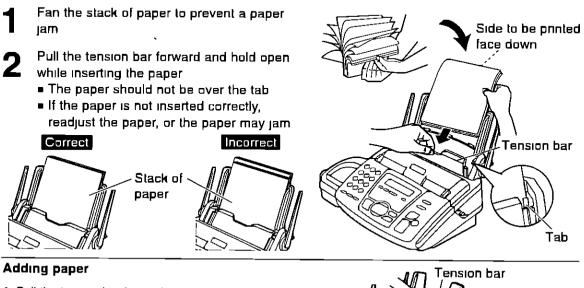
Please purchase a legal paper tray, Model No KX-FA51 (p 8) and install as shown on the left



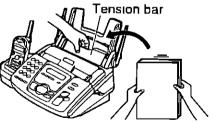
Letter, legal or A4 size recording paper can be loaded. The unit can hold up to 50 sheets of 60 g/m² to 75 g/m² (16 lb to 20 lb) paper or 30 sheets of 90 g/m² (24 lb) paper

See the note for paper specifications on page 93

For superior results, we recommend Hammermill Jet Print paper

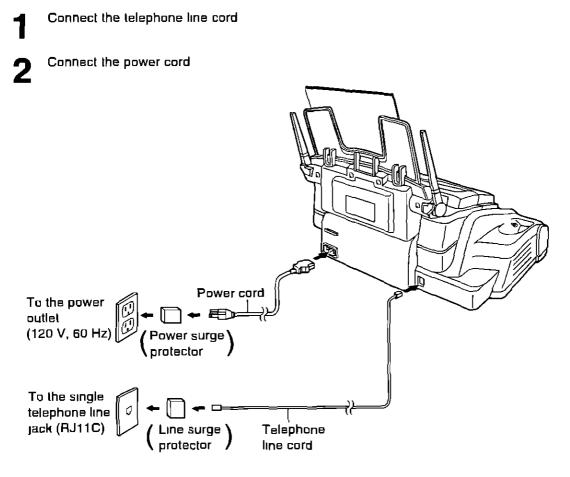


- Pull the tension bar forward and hold open while removing all of the installed paper
- 2 Add paper to the removed paper and straighten
- 3. Fan the stack of paper
- 4 Pull the tension bar forward and hold open while inserting the paper



Setup (Base Unit)

Connections



Caution:

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

Note:

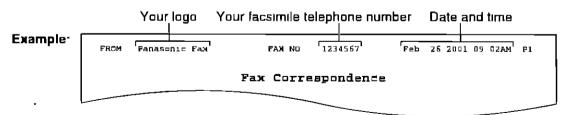
The warranty does not cover damage due to power line surges or lightning. For additional equipment
protection, we recommend the use of a surge protector. The following types are available. TELESPIKE
BLOK MODEL TSB (TRIPPE MFG. CO.), SPIKE BLOK MODEL SK6-0 (TRIPPE MFG. CO.), SUPER
MAX (PANAMAX) or MP1 (ITW LINX).

To use the fax machine with a computer on the same line

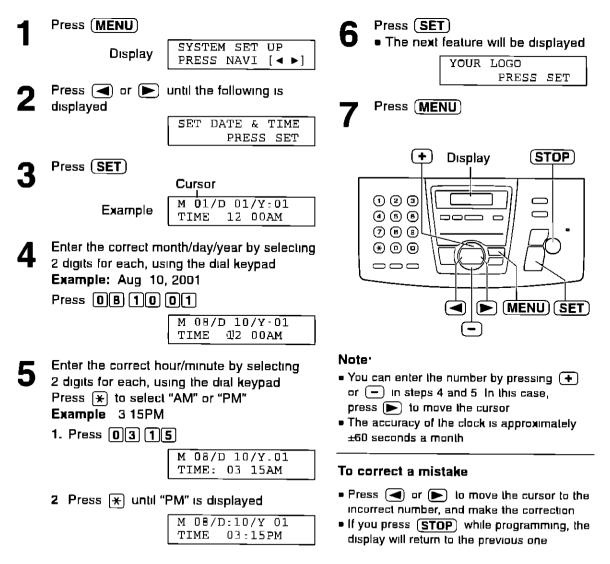
- We recommend you use separate wall jacks for the fax machine and the computer
- Set the fax machine to TEL mode (p 46)
- The device which has the shortest ring setting will answer the call first
- If the computer provides a port for a telephone line, connect the fax machine to this port on the computer

Date and time, your logo and facsimile telephone number _____

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

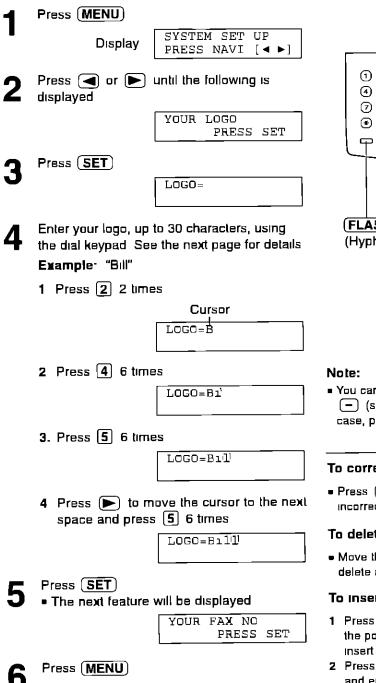


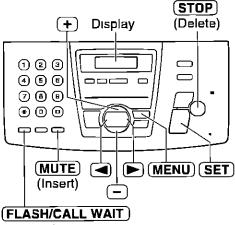
Setting the date and time



Setting your logo

The logo can be your company, division or name







You can enter your logo by pressing (+) or (-) (see the next page) in step 4. In this case, press () to move the cursor

To correct a mistake

Press or to move the cursor to the incorrect character, and make the correction

To delete a character

 Move the cursor to the character you want to delete and press (STOP) (Delete)

To insert a character

- 1 Press 🖪 or 🕟 to move the cursor to the position to the right of where you want to insert the character
- 2 Press (MUTE) (Insert) to insert a space and enter the character

To select characters with the dial keypad

Keys								Ch	aract	ers –							
1	1	ĺ]	(}	+	-	1	=	ı		_			,	7	ł
2	A	в	С	а	Ь	c	2										
3	D	Е	F	d	е	f	з										
4	G	н	I	9	h	1	4										
5	J	к	L	J	k	I	5								-		
6	м	Ν	0	m	n	D	6										
7	Ρ	Q	R	S	Р	q	г	s	7								
B	т	U	V	t	u	v	в				-						
9	w	х	Y	Z	w	х	У	z	9						_		
0	٥	()	<	>	1	"	#	\$	%	8	¥	*	Ø	^	1	\rightarrow
FLASH/CALL WAIT)	Нур	ohen	butto	n (To	insert	a hy	ohen ()						-			
(MUTE)	Ins	ert bi	utton (To Ins	se rt o	ne ch	aracle	er or c	ne s	bace)	I						
(STOP)	Del	ete b	utton	(To di	elete :	a cha	racler	·)								_	
		enter			e curs aracte				e nun	ıber k	iey, m	ove ti	1e cui	rsor la) lhe	next	
	•	key (To ma	ve th	e curs	ior lo	ihe le	eft)									

Pressing the dial keys will select a character as shown below

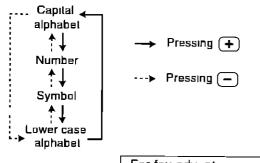
To select characters using (+) or (-)

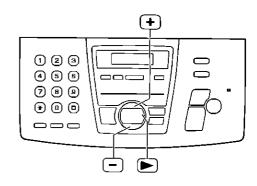
Instead of pressing the dial keys, you can select characters using (+) or (-)

- 1 Press + or until the desired character is displayed
- 2 Press b to move the cursor to the next space
 The character displayed in step 1 is inserted
- 3 Return to step 1 to enter the next character

Display order of characters

٢





Setup (Base Unit)

Setting your facsimile telephone number

4	Press (MENU)					
	Display	SYSTEM SET UP PRESS NAVI [◀►]				
2	Press 🖪 or 🗩 displayed	until the following is				
		YOUR FAX NO. PRESS SET				
3	Press (SET)					
U		NO =				
4	Enter your facsimile 20 digits, using the	telephone number, up to dial keypad				
	Example	NO =1234567				
5	Press (SET) • The next feature v	will be displayed				
		SENDING REPORT MODE=ERROR [±]				
6	Press (MENU)					

- Note.
 You can enter your facsimile telephone number by pressing + or in step 4 If you use + or -, press > to move the cursor
- The button replaces the digit with a "+" and the
 button replaces it with a space

Example (using the dial keypad) +234 5678

Press ¥23405678

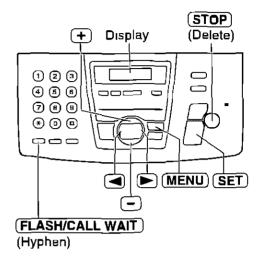
To enter a hyphen in a telephone number, press
 FLASH/CALL WAIT (Hyphen)

To correct a mistake

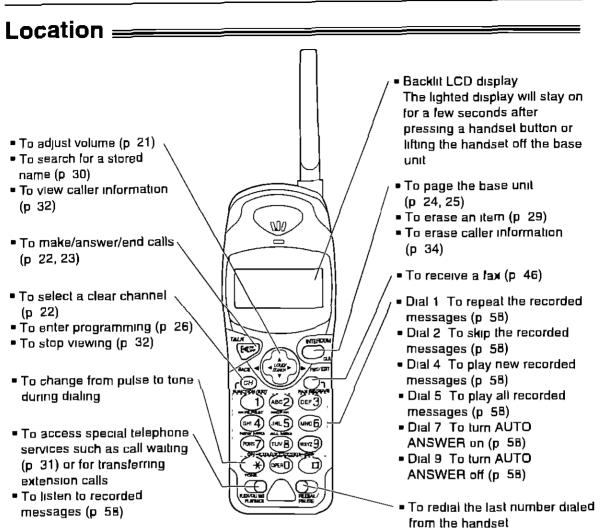
 Press or to move the cursor to the incorrect number, and make the correction

To delete a number

 Move the cursor to the number you want to delete and press (STOP) (Delete)



Setup (Handset)



Belt clip and headset a Belt clip

To install the belt clip



To remove the belt clip

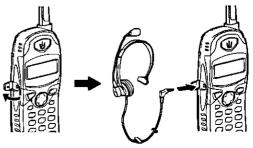


Headset (optional)

Plugging the headset into the handset allows a hands-free telephone conversation For best results, use the Panasonic headset Model No KX-TCA88 See page 8 for accessory information

To insert a pause during dialing

To connect the headset



Battery charge =

Lay the handset in the cradle of the base unit for about 6 hours before initial use

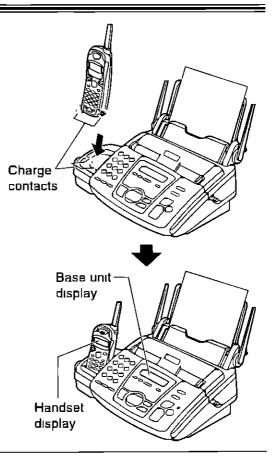
 A beep will sound, and the following will be displayed for an instant on the base unit

Display

↓ The display will show the date and lime

CHARGING

- If the base unit is in use, a beep may not sound and the above display may not be shown
- While charging, the battery strength mark (see below) will be shown on the handset display



Note:

- Clean the handset and the base unit charge contacts with a dry cloth once a month, or the battery may not charge properly
- The battery cannot be overcharged

Battery strength

You can check the battery strength on the handset display while the handset is in use, or for about 5 seconds after using the handset

Handset display		Battery strength		
[]	■■]	Fully charged		
(••]	Medium		
(∎]	Low		
<u>)</u> [∎] ["] (flashing)	Needs to be recharged		

Battery life

If your Panasonic battery is fully charged,

- the battery life will last up to 4.5 hours while in use (in conversation) near the base unit within about 3 m (10')
- The battery life will last up to 3.5 hours while in use (in conversation) away from the base unit
- It will last for up to about 11 days while not in use (off the base unit)
- Battery life may vary depending on usage conditions and ambient temperature

Recharge

Recharge the battery when

- the handset beeps intermittently while it is in use, or
- the following is shown and "(I)" flashes on the handset display

Display

Rechargebattery
<u>`[</u> ∎]`

 Recharge the handset battery for more than 15 minutes, or the display will continue showing the above indication

Automatic security code setting

Whenever you place the handset on the base unit, the unit will automatically select one of a million security codes. These codes help to avoid unauthorized use of your telephone line by another cordless telephone.

Adjusting handset volume

Ringer volume

3 levels (high/low/off) are available Make sure the handset is idle

- 1 Press (FUNCTION/EXIT)
- 2 Press 💌 to select "Ringer volume"

Display

/ ▶Ringer volume ▼▲ ▶=Yes

Save directory

- 3. Press 🗩
- 4 Press 💌 or 🔺 to select the desired volume
 - The current ringer will sound
 - To change the volume, press
 or
 again within 5 seconds

Adjusting base unit volume 🚃

Ringer volume

4 levels (high/middle/low/off) are available While the unit is idle, press + or -

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

To turn the ringer off

1 Press — repeatedly until the following is displayed

Display

```
RINGER OFF= OK?
YES SET/NO STOP
```

2. Press (SET)

RINGER OFF

• To turn the ringer back on, press 🛨

While the ringer volume is set to off:

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

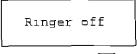
INCOMING CALL

Ringer pattern

 You can select one of three ringer patterns Change the setting (feature #17 on page 69) The ringer pattern you selected will sound when the unit receives a call

To turn the ringer off:

Press and hold 💌 until you hear 2 beeps in step 4



To turn the ringer back on, press
 in step 4

While the ringer volume is set to off: When receiving a call, the handset will not ring

Handset receiver volume

3 levels (high/middle/low) are available While talking, press 文 or 🍙

Speaker volume

B levels (high to low) are available While using the speakerphone, press + or -

Fax voice guidance volume

9 levels (high to off) are available While listening to the fax voice guidance, press + or -

Answering device volume

9 levels (high to off) are available While listening to the recorded messages, press + or -

Making and Answering Calls

Phone calls - making =

With the handset

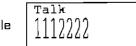
Handset is off the base unit Press TALK

> Handset is on the base unit Lift the handset and press **TALK**

2

Dial the telephone number

Example

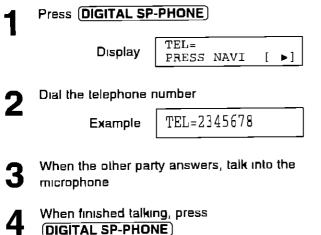


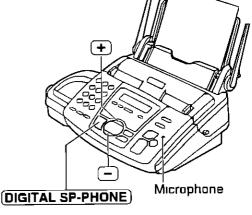
- If noise interferes with the conversation, press CH to select a clear channel or move closer to the base unit
- 3 When finished talking, press **TALK** or lay the handset on the base unit

Note

- If short beeps sound when you press (TALK),
 - move closer to the base unit, or
 - lay the handset on the base unit
 Then try again
- If (TALK) is pressed while the base unit is in use, the call will be switched to the handset and the base unit is disconnected

With the base unit





Speakerphone operation

- Use the speakerphone in a quiet room
- Adjust the speakerphone volume using + or -



Making and Answering Calls

Phone calls - answering =

With the handset

Handset is off the base unit

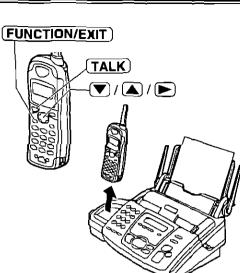
Press (TALK) when the handset rings You can also answer a call by pressing any dial key 0 to 9, *, or # (Any key talk feature)

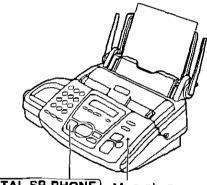
Handset is on the base unit: Lift the handset and press (TALK) when the base unit rings

When finished talking, press (TALK) or lay 2 the handset on the base unit

With the base unit

- When the base unit rings, press (DIGITAL SP-PHONE) and talk into the microphone
- When finished talking, press 2 **DIGITAL SP-PHONE**





(DIGITAL SP-PHONE) Microphone

Auto lalk feature (Handsel)

You can answer a call by just lifting the handset off the base unit without pressing TALK) This feature is set to off To activate this feature, proceed as follows

Make sure the handset is idle

1 Press FUNCTION/EXIT)

▶Save directory Display Ringer volume VA.

2 Press (V) 2 times to select "Talk switching"

⊳Talk	switching
¥ 🛦	▶=Yes

▶=Yes

3. Press ()

	_
Auto	talk
	Off
₹▲	▶=Save

4 Press 💌 or (🔺) to select "On"

Auto	talk
{	On
▼ ▲	▶=Save

- 5 Press (
- 6 Press (FUNCTION/EXIT) to exit the program

Note:

If you are subscribed to the Caller ID service. and want to view the caller's information on the handset display before answering a call, turn off this feature

Intercom —

Paging the base unit from the handset

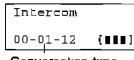


Handset[.]

Press (INTERCOM)

The base unit will ring You can then talk with the base unit user

Handset display (Example)



Conversation time



Base unit

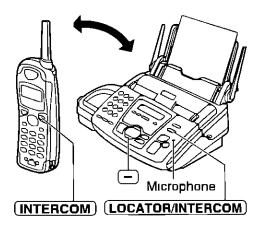
Answer through the microphone

Base unit display

PAGING
INTERCOM

Handset:

When finished talking, press (INTERCOM)



Note:

- If the handset user has difficulty hearing the base unit user, ask the base unit user to decrease the speaker volume by pressing $\overline{}$
- Intercom can only be ended using the handset

Paging the handset from the base unit

Using this feature, you can locate the handset if it has been misplaced (Handset locator)

- Base unit: Press (LOCATOR/INTERCOM) The base unit will page the handset for about 1 minute PAGING Base unit display Paging Handset display Press INTERCOM To stop paging, press (LOCATOR/INTERCOM) again Handset Press (INTERCOM) to answer Intercom Handset display (Example) 00 - 01 - 12

Base unit Speak into the microphone

Base unit display

INTERCOM

Handset When finished talking, press (INTERCOM)

Note.

Intercom can only be ended using the handset

Transferring a call _____

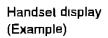
The intercom can be used during a conversation. This feature enables you to transfer an outside call between the handset and the base unit

From the handset to the base unit

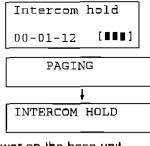
Handset[.]

During an outside call, press (INTERCOM) to page the base unit

- The handset user can talk with the base unit user
- The outside call will be put on hold



Base unit display



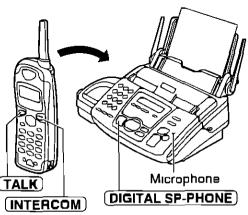
 If there is no answer on the base unit, press TALK to return to the outside call

Base unit:

Talk with the handset user through the microphone

3

Base unit To answer the outside call, press (DIGITAL SP-PHONE)



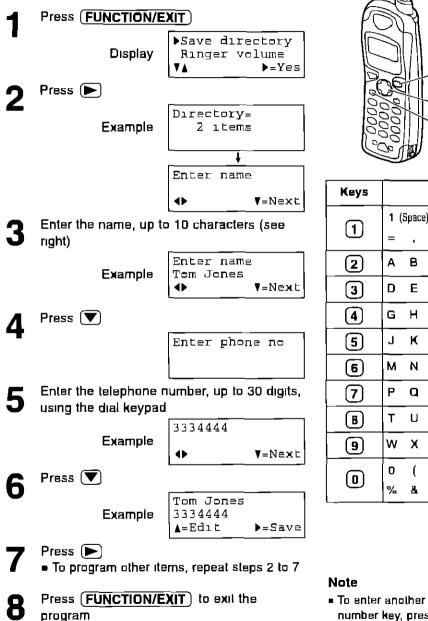
From the base unit to the handset

Handset: Base unit: To answer the outside call, press During an outside call, press (LOCATOR/INTERCOM) to page the (TALK) handset The base unit will start paging the handset for 1 minute The outside call will be put on hold PAGING Base unit display Paging Handset display Press INTERCOM Handset: Press (INTERCOM) to answer the page TALK (INTERCOM) LOCATOR/INTERCOM) Intercom hold Handset display (Example) 00-01-12 INTERCOM HOLD Base unit display

Storing names and telephone numbers into the directory _____

For rapid access to frequently dialed numbers, the unit provides the navigator directory. You can store the names and telephone numbers using both the handset and base unit up to 50 items in total

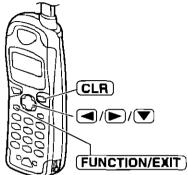
Using the handset



Helpful hint

 For your convenience, HELP-FAX (1-800-435-7329) has been pre-programmed

If you cannot solve a problem after trying the help function (p=9), call using this item (p=30). If necessary, you can erase it (p=29)



Keys	<u> </u>			Cha	raci	eľs			_
9	1 (Space) []	(}	+	_	1
	=	,		_			1	7	1
2	Α	В	С	a	b	C	2		
3	D	Ε	F	d	e	ſ	3		
4	G	Η	I	9	h	I	4		
5	J	К	L	J	k	I	5		
6	М	N	Ο	m	n	٥	6		
7	P	Q	R	S	P	q	r	5	7
B	Т	U	۷	ι	u	v	8		
9	w	х	Y	Z	w	х	У	z	9
0	O	()	(>	I	"	#	\$
	%	8	¥	*	9	^	,	→	

To correct a mistake

- 1 Press
 or
 lo move the cursor lo
 lhe incorrect character
- 2 Press CLR
- 3 Enter the correct character

incorrect character/number, and make the

 Move the cursor to the character/number you want to delete, and press (STOP) (Delete)

To delete a character/number

correction

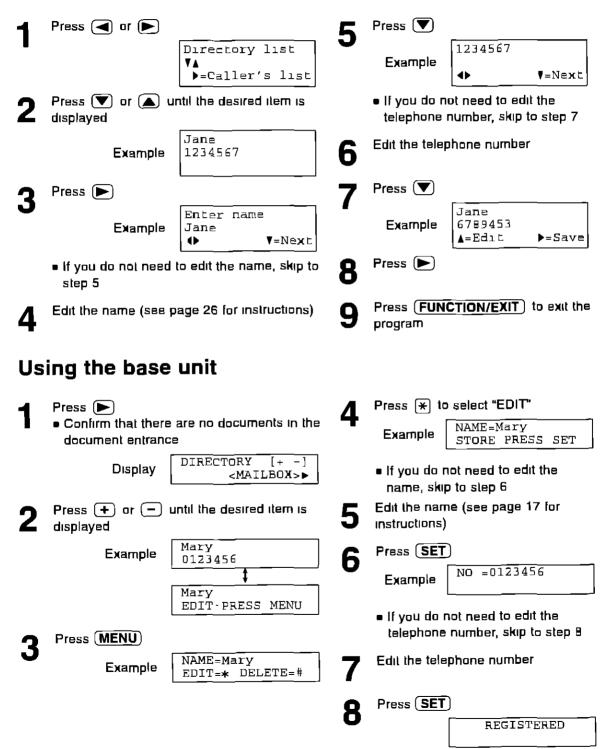
Using the base unit

1	'Press (MENU) rep is displayed	eatedly until the following		(Delete)
	Display	DIRECTORY SET NAVI =* BROAD=#	023	
2	Press Ӿ to select	"NAVI "		
_		NAME= STORE PRESS SET		
3	Enter the name, up page 17 for instruct	to 10 characters (see lons)		
	Example	NAME=Alice STORE PRESS SET	(FLASH/CALL V (Hyphen)	
Δ	Press (SET)		,	
-		NO =	Helpful hint.	
5	Enter the telephone using the dial keypa	e number, up to 30 digits, ad	 You can confirm the telephone number list 	
	Example	NO =5552233	Note When the following i you can store only 5	
	If you want to ent	er a hvohen, press	you dan didro diny d	
	(FLASH/CALL W		Display	REGISTERED SPACE= 5 DIRS
6	Press (SET)	REGISTERED	If there is no space following is displaye	to store new items, the d in step 6
				REGISTERED DIRECTORY FULL
		NAME=	Erase unnecessary	ilems (p. 29)
-		STORE PRESS SET		e entered in a telephone
	To program other	tems, repeat steps 3 to 6	number counts as tv	vo olgi(s
7	Press (MENU) to e	exit the program	To correct a mistal	le
[🛛 Press 🖪 or 🕨	to move the cursor to the

Editing a stored item ==

Items stored in the handset and the base unit are for common use and can be edited from both the handset and the base unit

Using the handset

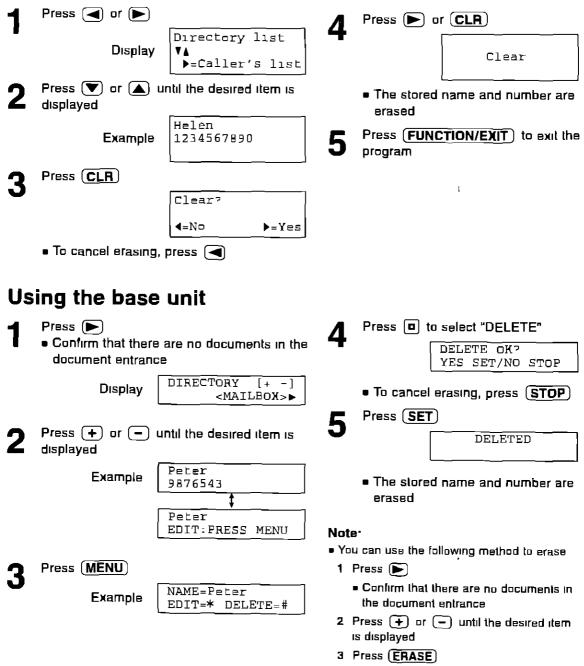


Erasing a stored item =

Once erased, it cannot be accessed from either the handset or the base unit

Using the handset

ļ



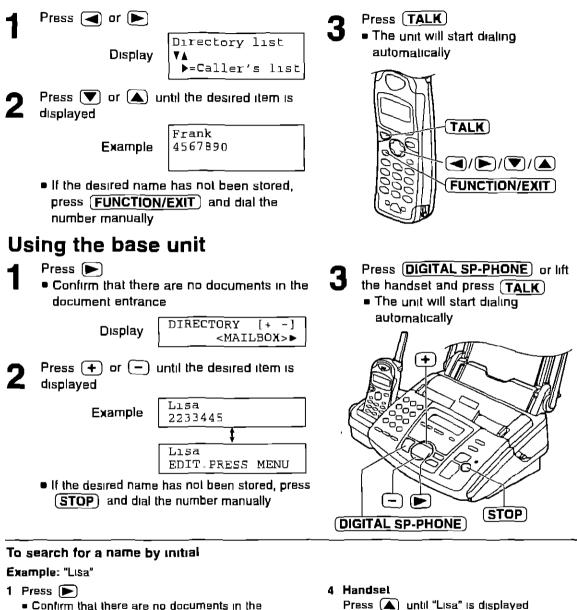
4. Press (SET)

Navigator Directory

Making a phone call using the directory =

Before using this feature, program the desired names and telephone numbers into the directory (p. 26, 27)

Using the handset



2 Handsel

document entrance

Press 💌 or 🎑 until any name is displayed Base unit.

```
Press 🛨 or 😑 until any name is displayed
```

- 3 Press 5 repeatedly until any name with the initial "L" is displayed
 - To search for symbols (not letters or numbers), press (*)

Press () until "Lisa" is displayed Base unit.

- Press 🕂 until "Lisa" is displayed
- To slop the search, press
 FUNCTION/EXIT) on the handset or
 (STOP) on the base unit
- To make a call, press <u>TALK</u> on the handset or <u>DIGITAL SP-PHONE</u> on the base unit

30

Caller ID service from your phone company =

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

Change the following ring settings to 2 or more rings beforehand.

- TAD ring setting and FAX ring setting (feature #06 on page 68)
- TEL/FAX ring setting (feature #78 on page 75)

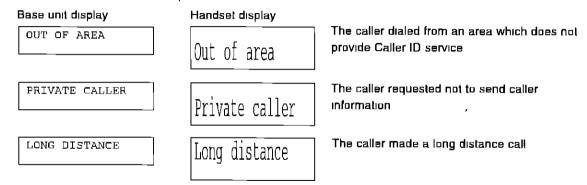
How Caller ID is displayed

The calling party's name or telephone number will be displayed after the first ring You then have the option of whether or not to answer the call depending on the caller

The unit will automatically store the caller information (name, telephone number and the time of the call). You can view the caller information (p 32, 33) and print the caller ID list (p 88)

Note

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



To confirm caller information using the Caller ID list

The unit will store information for the most recent 30 callers

- To print manually, see page 88
- To print automatically after every 30 new calls, activate feature #26 (p. 70)

Visual Call Waiting (Call Waiting ID) Service

If you hear a call-waiting tone during a conversation, the display will show the second caller's information Press (FLASH/CALL WAIT) to answer the second call

The first call is put on hold and you can answer the second call

To return to the first caller, press (FLASH/CALL WAIT) again

Note[.]

- The second caller's information will not be displayed when
 - the answering system is recording an incoming message,
 - an extension telephone on the same line is in use, or
 - you are sending or receiving a fax document
- Please contact your telephone company for details and availability of this service in your area

Caller ID

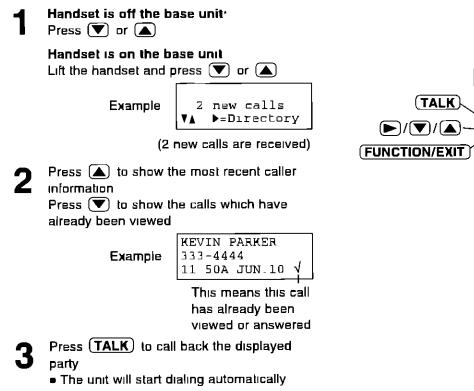
Viewing and calling back using caller information _____

You can easily view caller information and call back

Important:

- Calling back will not be possible in the following cases
- The telephone number includes data other than numbers (i.e. * or #)
- The caller information does not include a telephone number

Using the handset



To edit the telephone number for calling back

Press () repeatedly after step 2

Each time you press (), the telephone number will change as follows

- 1 1 Area code Local telephone number ("1" added)
- 2 [Local telephone number] (area code omitted)
- 3 Area code Local telephone number
- 4 1 Local telephone number ("1" added and area code omitted)

Display while viewing

No caller data

When no calls have been received

To stop viewing Press (FUNCTION/EXIT) after step 2

Using the base unit

1	Press CALLER ID	
I	Example 2 NEW CALLS PRESS NAVI [+ -]	
	(2 new calls are received)	
2	Press + to show the most recent caller Information Press - to show the calls which have already been viewed	FACE DOWN
3	Handset is off the base unit Press (TALK) on the handset to call back the displayed party	
	Handset is on the base unit: Press (DIGITAL SP-PHONE) or lift the handset and press (TALK)	(FAX/START) (STOP) (DIGITAL SP-PHONE) (CALLER ID)
	 The unit will start dialing automatically To send a fax – insert the document FACE DOWN and press (FAX/START) (p 38) 	TALK
To d	lisplay the caller's telephone number	

Press (CALLER ID) after step 2

Example

 SAM
 LEE
 1-345-678-9012

 11
 20A
 Jul20
 √
 This mean

- This means this call has already been viewed or answered

To edit the telephone number for calling back

Press 🛞 repeatedly after step 2

Each time you press (\mathbf{x}) , the telephone number will be changed as follows

- 1 1 Area code Local telephone number ("1" added)
- 2 Local telephone number (area code omitted)
- 3 Area code Local telephone number
- 4 1 Local telephone number ("1" added and area code omitted)

Display while viewing

NO NAME RCVD

When the unit could not receive a name

```
NO CALLER DATA
```

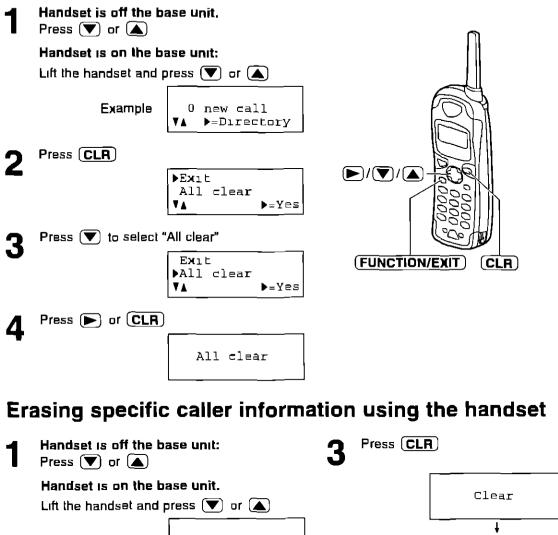
When no calls have been received

To stop viewing Press STOP after step 2

Erasing caller information =

You can erase all or specific caller information. Once erased, it cannot be accessed from either the bandset or the base unit.

Erasing all caller information using the handset



Example



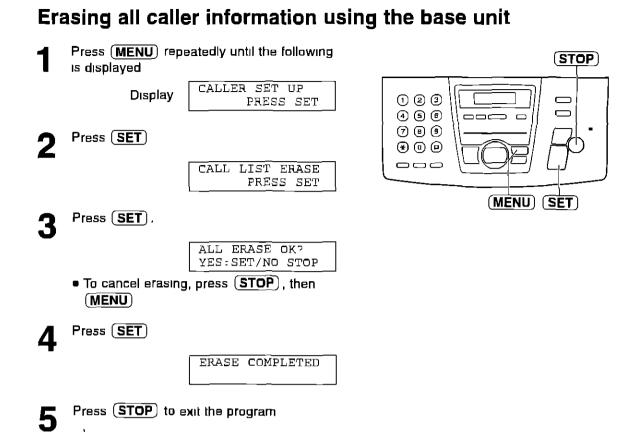


Example

CINDY TURNER 1-234-456-7890 11 20A JAN 12

	Clear		
	└ ↓	I	
Example	KEVIN PARKER 333-4444 11 50A JAN 12		
 To erase 2 and 3 	other items, repeat step) S	

Press (FUNCTION/EXIT) to exit the program



Erasing specific caller information using the base unit

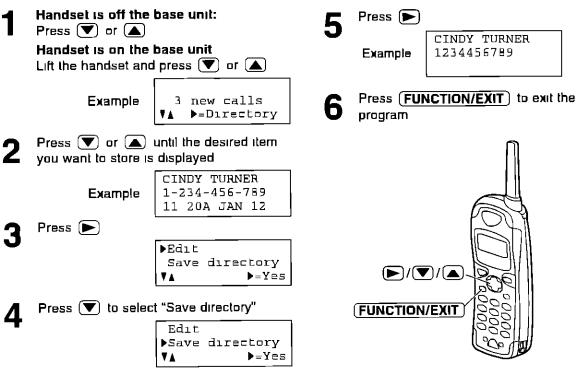
1	Press CALLER ID)	+ CALLER ID
-	Example	2 NEW CALLS PRESS NAVI [+ -]	
2	Press 🛨 or 🗖 displayed Example	SAM LEE	
3	Press (ERASE)		ERASE - STOP
-		DELETED	-
	Example	ALLAN STONE 12-12A Jul20	
	To erase other items, repeat steps 2 and 3		
4	Press STOP to exit the program		

Storing caller information ____

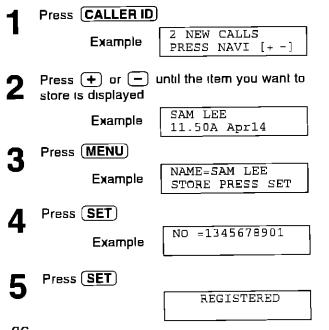
Important

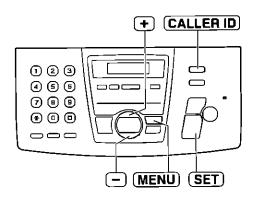
- This feature is not available in the following cases
 - The telephone number includes data other than numbers (i e * or #)
 - The caller information does not include a telephone number

Into the handset



Into the base unit





Note:

- You can confirm the stored items on the telephone number list (p. 88)
- The unit can only store a name of up to 10 characters long
- To edil a name and number, see page 28

Talking to the other party after fax transmission or reception _____

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

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

Initiating voice contact

1

Press (DIGITAL SP-PHONE) while

transmitting or receiving documents

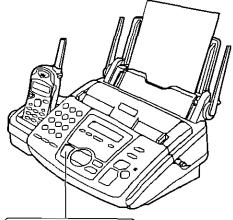
Example

TO 1234567 VOICE STANDBY

- Your unit will call the other party with a distinctive ring
- When the other party answers, your unit will emit a distinctive ring
- 2 To start talking
 - press **DIGITAL SP-PHONE** ,
 - lift the handset from the base unit, or
 - press (TALK) on the handset

Note:

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



DIGITAL SP-PHONE



Receiving a request for voice contact

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

Base unit display

PLEASE PICK UP

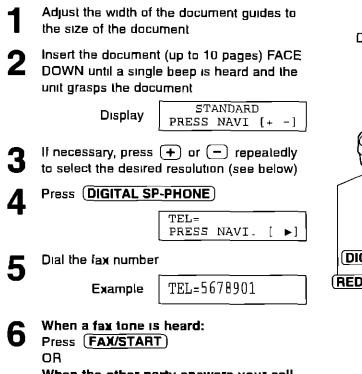
- 2 To start talking — press (DIGI)
 - press (DIGITAL SP-PHONE),
 - lift the handset from the base unit, or
 press **TALK** on the handset,
 within 10 seconds of the distinctive ring

Note:

- If you do not answer within 10 seconds of the distinctive ring,
 - In TAD/FAX mode, your unit will play a greeting message and record an incoming voice message
 - In FAX ONLY, TEL or TEL/FAX mode, the line will be disconnected

Sending Faxes

Sending a fax manually



When the other party answers your call. Ask them to press their start button When the fax tone is heard, press (FAX/START)

> CONNECTING . STANDARD [±]

To redial the last number

Press (REDIAL/PAUSE)

- If the line is busy, the unit will automatically redial the number up to 2 times
- During redial, the following will be displayed

Display WAITING REDIAL

To cancel redialing, press (STOP)

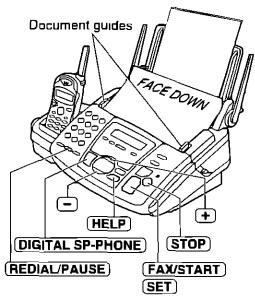
Convenient way to send a fax

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

- 1 Enter the lax number
- 2 Insert the document
- 3 Press (FAX/START)

To transmit more than 10 pages at a time

 Insert the first 10 pages of the document Add the other pages (up to 10 at a time) before the last page feeds into the unit



To select the resolution

Select the desired resolution according to the type of document

- STANDARD: For printed or typewritten originals with normal-sized characters
- FINE. For originals with small printing
- SUPER FINE: For originals with very small printing. This setting only works with other compatible fax machines
- PHOTO: For originals containing photographs, shaded drawings, etc
- Using the "FINE", "SUPER FINE", or "PHOTO" setting will increase transmission time
- If the resolution setting is changed during feeding, it will be effective from the next sheet

To stop transmission

Press (STOP)

Sending a fax with the voice guide

You can send documents by following the voice guide

- 1 Press (HELP) 2 times
- 2 Press (SET)
- 3 Follow steps 1 to 6 on page 38
- After transmission, the voice guide will turn off automatically

Quick scan feature

With this feature, the unit will scan the document into memory before sending. This is helpful when you want to remove the document for other uses. To use this feature, activate feature #34 on page 71 and make a fax transmission. After storing, the unit will transmit the document

If the document exceeds the memory capacity (p. 92), sending will be canceled and this feature will be turned off automatically Transmit the entire document manually

Reports for confirmation

Sending report

This report will provide you with a printed record of transmission results. To use this feature, activate feature #04 (p. 68). For the communication message in the result column, see page 76.

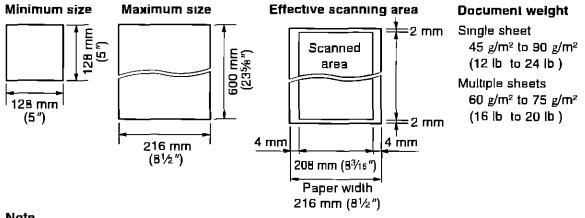
Journal report

The unit stores the 30 most recent fax communication results.

To print manually, see page 88

 To print automatically after every 30 new fax communications, activate feature #22 (p. 70) For the communication message in the result column, see page 76

Documents you can send a



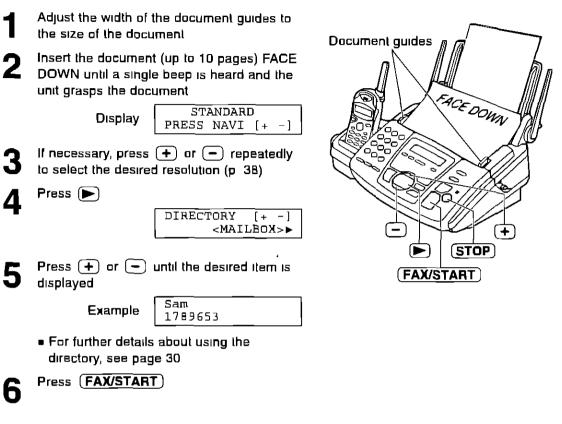
Note

- Remove clips, staples or other similar fasteners.
- Check that ink, paste or correction fluid has dried.
- Do not send the following types of documents (Use copies for fax transmission)
- Chemically treated paper such as carbon or carbonless duplicating paper
- Electrostatically charged paper
- Badly curled, creased or torn paper
- Paper with a coated surface
- Paper with a faint image
- -- Paper with printing on the opposite side that can be seen through the front (i.e. newspaper)
- To transmit the document(s) with a width of less than standard letter size (216 mm), we recommend using a copy machine to copy the original document onto letter-sized paper, then transmit the copied document

Sending Faxes

Sending a fax using the directory =

Before using this feature, program the desired names and telephone numbers into the directory (p. 26, 27)



Fax auto redial

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

- This feature is also available for delayed transmission (feature #25 on page 70)
- During redial, the following will be displayed

Display WAITING REDIAL

To cancel redialing, press (STOP)

If your unit does not send a fax

- Confirm the stored telephone number on the display and check that the number dialed is answered by the other party's machine (p. 30)
- The connecting tone will be heard during dialing to tell you the status of the other party's machine (feature #76 on page 75)

+

(SET)

(STOP)

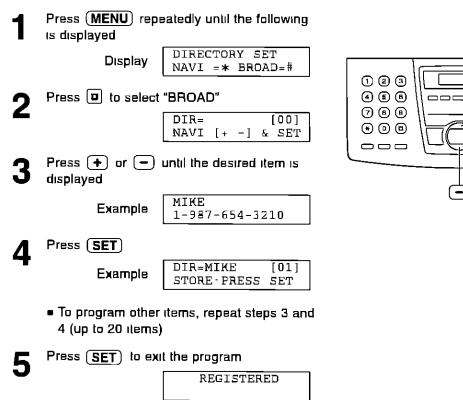
(MENU)

Broadcast transmission

This feature is useful for sending the same document to selected parties (up to 20 items) First program the items, then see page 43 for transmission

• To send to selected parties only once, see page 43

Programming items into the broadcast memory

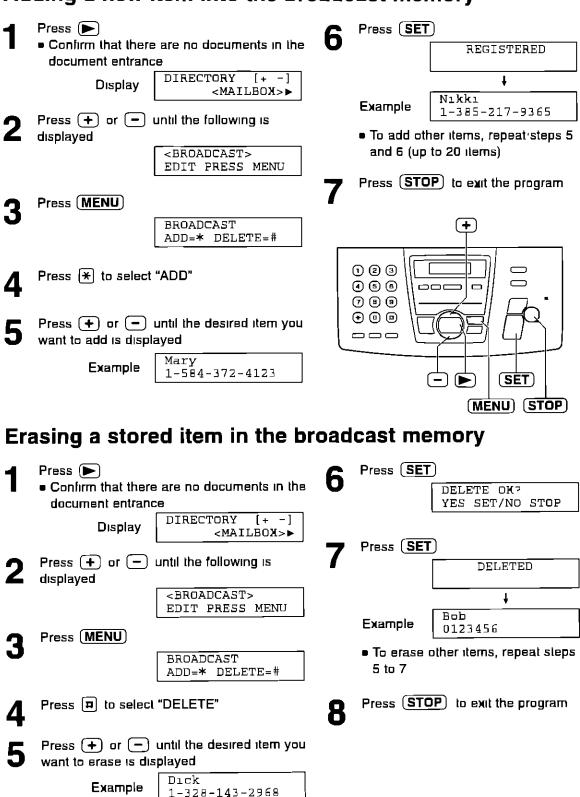


Note:

- If you program the wrong item, press (STOP) after step 4 to erase the item
- Confirm the stored items by printing a broadcast programming list (p. 88)

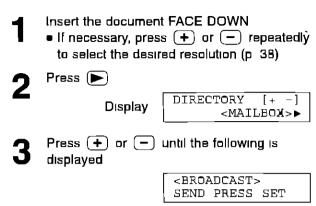
Sending Faxes

Adding a new item into the broadcast memory



Sending Faxes

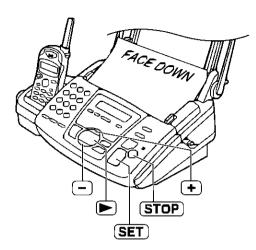
Sending the same document to pre-programmed parties





Press (SET)

- The document will be fed into the unit and scanned into memory. The unit will then transmit the data to each item, calling each number sequentially.
- After transmission, the stored document will be erased automatically, and the unit will automatically print a broadcast sending report



Note:

- If you select the "FINE", "SUPER FINE" or "PHOTO" resolution, the number of pages that the unit can transmit will decrease
- If the document exceeds the memory capacity (p 92), sending will be canceled
- If one of the items is busy or does not answer, it will be skipped. All skipped items will be redialed up to 2 times after all of the other items have been called

To send to selected parties only once

You can also select the parties for each transmission

- 1. Follow steps 1 and 2 above
- 2. Press 🛨 or 🔵 until the following is displayed

Display

<ONE TIME BROAD>
 PRESS SET

3. Press (SET) to start programming the items you want to transmit

DIR=		-		[00]	
NAVI	[+	-]	<u>ج</u>	SET	

4. Press + or - until the desired item you want to transmit is displayed

Example

le	Bill 6543210	

5. Press (SET)

Example

DIR=H	3111	[01]
SEND	PRESS	SET

- To program other items, repeat steps 4 and 5 (up to 20 items)
- 6 Press (SET) to start transmission to the programmed items

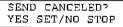
To cancel the broadcast setting

1 Press (STOP) while the unit displays the following

Display

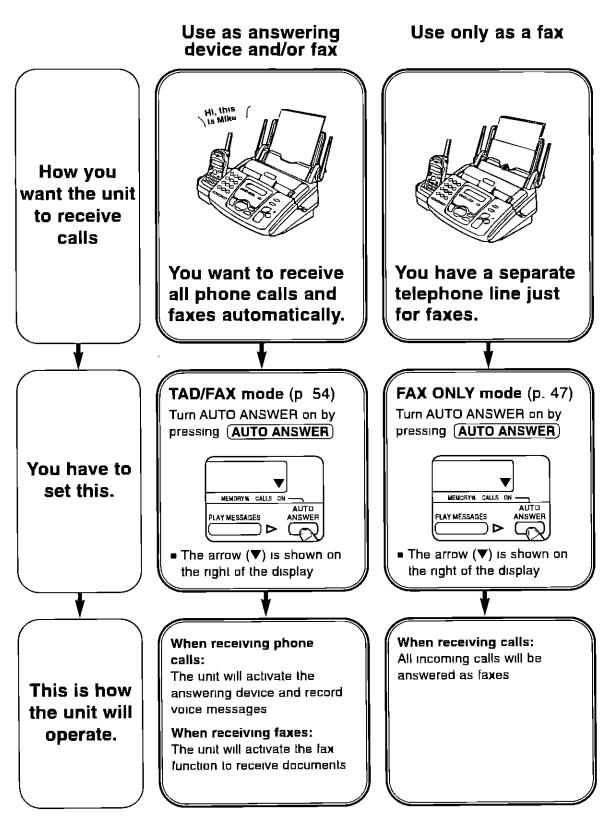
BROADCASTING

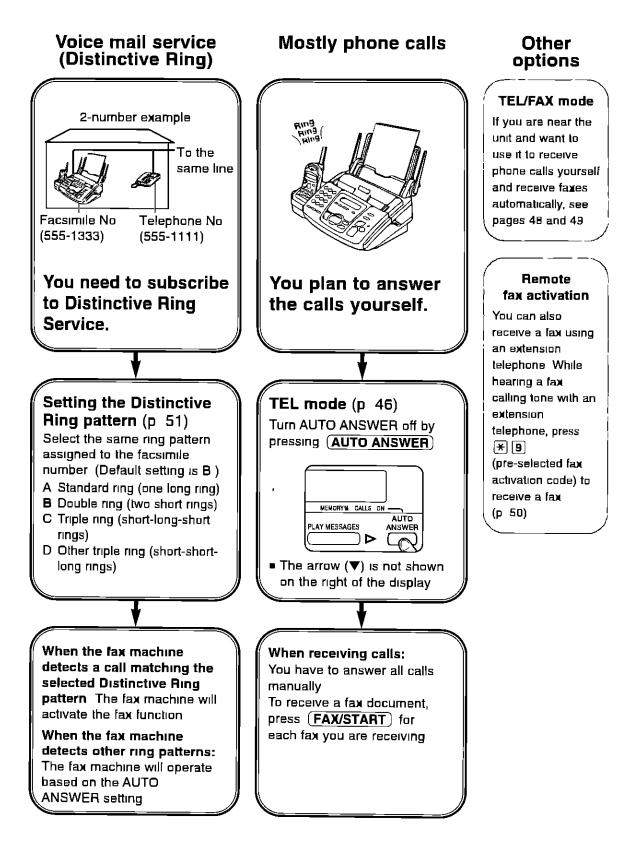
The display will show the following



2. Press SET

Setting the unit to receive faxes -





TEL mode <u>_____</u> (answering all calls manually) Activating TEL mode

If the arrow $(\mathbf{\nabla})$ is shown on the right of the display, turn it off by pressing (AUTO ANSWER)

Display

TEL MODE

DN

Receiving a fax using the base unit

When the unit rings, press **DIGITAL SP-PHONE** or lift the handset and press **TALK** to answer the call When

2

- document reception is required,
- a fax calling tone (slow beep) is heard, or

- no sound is heard,

press (FAX/START)

CONNECTING

The unit will start fax reception

Receiving a fax using the handset

- When the handset rings, press (TALK)
 - When
 - document reception is required,
 - a fax calling tone (slow beep) is heard, or
 no sound is heard,

press (FAX RECEIVE) until a single beep is heard

The unit will start fax reception

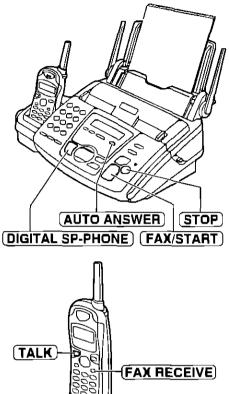
To stop receiving

Press (STOP)

Friendly reception feature

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

 If this feature is not required, set feature #46 to off (p 73)



Nole

- If you do not answer the call within 10 rings, the unit will temporarily activate the answering device. The greeting message will then be played and the other party can then send a fax
- Up to 30 sheets of printed paper can be held Remove the printed paper before it exceeds 30 sheets

Fax reception in memory

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

While the document is in memory

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

Display FAX IN MEMORY

 slow beeps will sound if feature #44 is set to on (p. 72)

- Follow the instructions on pages 77 and 78 to solve the problem
- For memory capacity, see page 92

FAX ONLY mode _______ (all calls are received as faxes)

Activating FAX ONLY mode

Set feature #77 to "FAX ONLY" (p 75)

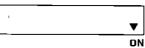


If the arrow (♥) is not shown on the right of the display, turn it on by pressing (AUTO ANSWER)

 The display will show the number of rings before the unit answers a call in FAX ONLY mode

Display

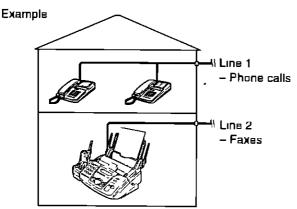
If you wish to change the ring setting, press + or - until the desired number is displayed, and press SET

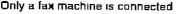


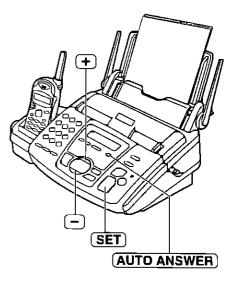
 When receiving calls, the unit will automatically answer all calls and only receive fax documents

Note

- If the arrow (∇) is already shown on the right of the display and you wish to change the ring setting, turn the arrow off once then on again by pressing (AUTO ANSWER) and follow the instructions in step 3
- This mode should not be used with a telephone line which is used for both phone calls and faxes. Fax communication will be attempted even if someone is trying to call you. We recommend the following setup.

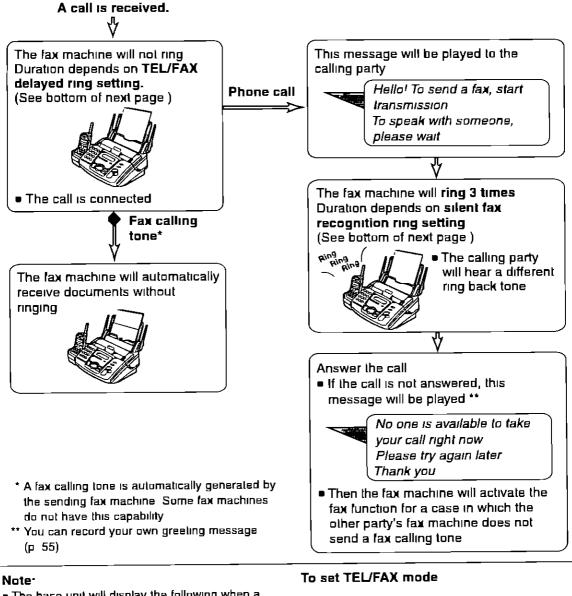






TEL/FAX mode _____ (receiving phone calls with ring signals and faxes without ring signals when you are near the unit)

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



The base unit will display the following when a call is received

INCOMING CALL

Display

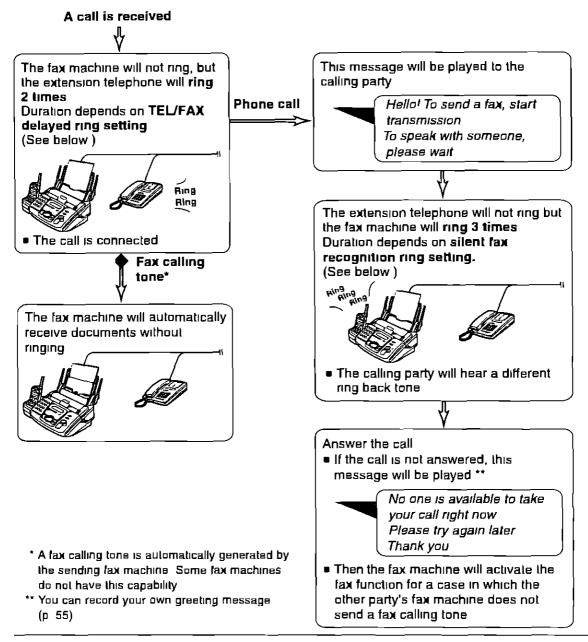
- The ringer should be on (p 21)
- If the ring detection (p. 51) is set and a different ring pattern is received, the unit will not receive the fax automatically

- 1. Set feature #77 to "TEL/FAX" (p 75)
- 2 If the arrow ($oldsymbol{
 abla}$) is not shown on the right of the display, turn it on by pressing (AUTO ANSWER)

Display



When an extension telephone is connected



TEL/FAX delayed ring setting

The number of rings generated before the fax machine answers depends on the setting of feature #78 on page 75 The fax machine will not generate an audible ring during this time

Silent fax recognition ring setting

The fax machine generates audible rings to indicate that it is receiving a phone call. The number of rings generated depends on the setting of feature #30 on page 71. This signal will not ring on an extension telephone.

Extension telephone =

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

Important:

• Use a touch tone telephone as the extension telephone and enter the fax activation code firmly



2

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

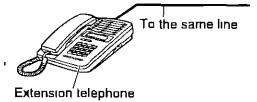
When

- document reception is required,

Hang up the handset

- a fax calling tone (slow beep) is heard, or
 no sound is heard.
- press \star 9 (pre-selected fax activation code) firmly

The fax machine will start reception



Note[.]

 You can change the fax activation code in feature #41 (p 72)

Pager call - when the unit receives a fax or voice message ______

This feature allows your unit to call your pager when your unit receives a fax document or an incoming voice message

1	Press MENU		8	Press (SET)
	Display	SYSTEM SET UP PRESS NAVI [◀▶]	U	MSG =07734
2	Press 🔍 , then 7	PAGER CALL		 The default code 07734 will show "Hello!" on your pager
2	Press (+) or 🗕	MODE=OFF [±]		 If you want to change this message, enter your message up to 30 digits
3		PAGER CALL MODE=ON [±]	9	Press (SET) • The unit will dial the stored
	If this feature is no	ot required, select "OFF"		number PAGER TEST
4	Press (SET)			
5	Enler your pager nu	umber up to 30 digits	10	Check that your pager received the pager test call
J	Example	NO =12025551234	11	Press (DIGITAL SP-PHONE)
6	Press (SET)		Note	
7	Enter your pager ac If required	ccess code up to 10 digits	instea step B	have subscribed to a Caller ID service, d of the message you entered in l, your pager will display the caller's serve sumber followed by "11" or "22"
	Example	PIN=12345678	11 WI 22 W	ione number, followed by "11" or "22" hen your unit receives a voice message hen your unit receives a fax document
	Example		22 W	

 If you have not entered a message in step 8, your pager will only display "11" or "22"

Using with a voice mail service =

Important:

 When you have a single telephone line and subscribe to a telephone company's voice mail service, you must also subscribe to the Distinctive Ring Service if you want to receive faxes automatically as well as voice messages. For more information about telephone services, contact your telephone company

When you subscribe to Distinctive Ring Service, your telephone company will assign you a new fax number and will also tell you the assigned ring pattern. Please complete the following setup on your fax machine to identify the assigned ring pattern.

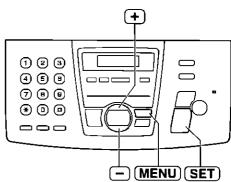
1	Press (MENU)	
	Display SYSTEM SET UP PRESS NAVI [◀►]	
2	Press , then 31	0
	RING DETECTION MODE=B [±]	9 9 9
3	Press + or - to select the ring pattern assigned by the telephone company	
	 A Standard ring (one long ring) B: Double ring (two short rings) (default setting) 	
	C Triple ring (short-long-short-rings) D. Other triple ring (short-short-long rings) OFF: Turns off the feature	
Л	Press (SET)	
-	SETUP ITEM []	



Press (MENU) to exit the program

Note:

- Once you have programmed the assigned ring pattern into the fax machine, turn AUTO ANSWER off so that the fax machine is in TEL mode
- In TEL mode, the fax machine will recognize incoming faxes on the first ring pattern and answer automatically For phone calls, the fax machine will ring as a normal call



Copying

Making a copy =

The unit can make single or multiple copies (up to 50)

1

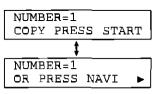
Adjust the width of the document guides to the size of the document

2 Insert the document (up to 10 pages) FACE DOWN until a single beep is heard and the unit grasps the document

Display

standard PRESS NAVI.[+ -]

- If necessary, press + or repeatedly to select the desired resolution (see below)
- Press (COPY)



- If necessary, enter the number of copies (up to 50)
- Δ

Press (START)

The unit will start copying

Note:

Any transmittable document can be copied (p 39)

To select the resolution

Select the desired resolution according to the type of document

- FINE For printed or typewritten originals with small printing
- SUPER FINE For originals with very small printing
- PHOTO For originals containing photographs, shaded drawings, etc
- If you select "STANDARD", copying will be done using "FINE" mode
- You can also select the resolution after pressing
 COPY in step 3
 - 1 Press (F) 3 times

Display

STANDARD [+ -] <NUMBER>►

2 Press + or - repeatedly to select the desired resolution

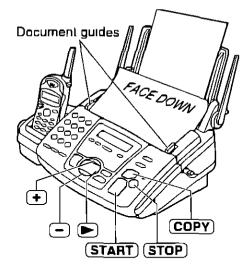
Quick scan feature

With this feature, the unit can scan the document into memory before copying. This feature is helpful when you want to remove the document for other uses. To use this feature, activate feature #34 on page 71 and make a copy. After storing, the unit will print the document.

 If the document exceeds the memory capacity (p. 92), copying will be canceled and this feature will be turned off automatically

To stop copying

Press (STOP)



To enlarge a document

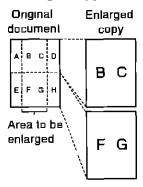
1. Press 🗩 after step 3 on page 52

ZOOM 100% [+ -] Display <COLLATE>►

- 2 Press (+) to select "150%" or "200%", then press (START)
 - The unit will only enlarge the centermost part of the document, printing it on two pages

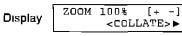
Example of a 150% enlarged copy Original Enlarged document сору вС п вс FG lн E FG Area to be enlarged

Example of a 200% enlarged copy.



To reduce a document

1 Press (F) after step 3 on page 52



- 2 Press 🛑 to select "92%", "86%" or "72%", then press (START)
 - See the right table for the recommended reduction rates

Note

- If the appropriate reduction rate is not selected, the document may be divided and the top of the second sheet will be deleted
- If the image at the bottom of the document is not copied when you copy a document as long as the recording paper, try 92% or 86%

Setting	Recording paper	Original document
	Letter	Letter
100% (default)	Legal	Letter, A4, Legal
	A4	A4, Letter
92%	Letter	
86%	Letter	A4
72%	Letter	Legal
12/0	A4	Legal

Letter = 216 mm x 279 mm (81/2" x 11") Legal = 216 mm x 356 mm ($B^{1/2}$ " x 14") $= 210 \text{ mm x} 297 \text{ mm} (B^{1}/4," \times 11^{11}/16")$ A4

To collate multiple copies

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

1 Press () 2 limes after step 3 on page 52

```
COLLATE OFF [+ -]
Display
```

2. Press (+) or - repeatedly until the following is displayed

COLLATE	ΟN	[+	-]
<res< td=""><th>ניניזכ</th><th>NOI</th><th>>► </th></res<>	ניניזכ	NOI	>►

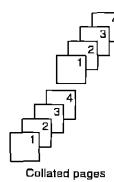
<RESOLUTION>>

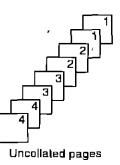
3 Press (START)

Note.

- The unit will store the documents into memory while collating the copies. If memory becomes full while storing, the unit will only print out the stored pages
- After copying, the collating feature will turn off automatically

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





Setup

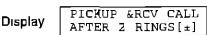
When TAD/FAX mode is set, the unit will work as a fax machine and/or answering device If a fax tone is detected, the unit will automatically receive the fax. If a phone call is detected, the answering device will play a greeting message and the caller can leave a voice message

Setting up the voice and fax message reception

- Make sure that feature #77 is set to "TAD/FAX" (p 75)
- 2

If the arrow $(\mathbf{\nabla})$ is not shown on the right of the display, turn it on by pressing **(AUTO ANSWER)**

- The unit will play the pre-recorded greeting message
- The display will show the ring setting in TAD/FAX mode



- If you wish to change the ring setting, press
 or until the desired setting (see below) is displayed, and press <u>SET</u>
 - You can adjust the speaker volume after changing the ring setting Press (+) or
 while listening to the greeting message
 - The remaining time for recording incoming messages will be displayed

Example

TIME = 10m13s

Note;

- If the arrow (\bigtriangledown) is already shown on the right of the display and you wish to change the ring count, turn it off once then on again by pressing (AUTO ANSWER) and follow the instructions in step 3
- The incoming message recording time can be changed (leature #10 on page 69)
- When the remaining time is low, erase unnecessary messages (p. 57) For the voice memory capacity of incoming messages, see page 92
- While an incoming call is being recorded, you can monitor it through the speaker of this feature is not required, set feature #67 to off (p. 74)



Ring setting in TAD/FAX mode

You can choose from 1, 2, 3, 4, TOLL SAVER and RINGER OFF

This setting can be changed by feature #06 on page 68

TOLL SAVER When you call the unit from a remote location, the number of rings will tell you if there are any new voice messages if the unit answers on the 2nd ring, there is at least one new recorded message if the unit answers on the 4th ring, there are no new recorded messages. To save the toll charges for the call, hang up immediately when you hear the 3rd ring. The 3rd ring indicates that there are no new recorded messages.

- RINGER OFF The unit will answer without ringing
- If you subscribe to a Caller ID service, set to 2 or more rings

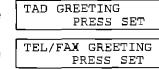
Recording your own greeting messages =

You can record your own greeting messages for TAD/FAX and TEL/FAX modes When receiving a call, your own greeting message will be played instead of the pre-recorded message. The recording time will be limited to 16 seconds. We recommend you record your message within 12 seconds to make it easier to receive faxes.

Suggested messages

- —TAD/FAX greeting message "This is (your name, business and/or telephone number) We are unable to answer right now To send a fax, start transmission To leave a message, speak after the beep Thank you "
- -TEL/FAX greeting message "This is (your name, business and/or telephone number) We are unable to answer right now Please try again later Thank you "
- Select the desired mode (TAD/FAX or TEL/FAX) where you want to record a greeting message (feature #77 on page 75)
- 2 Press (RECORD) 2 times
 - The display will show the following according to your selection in step 1

TAD/FAX mode



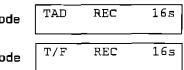
TEL/FAX mode

- Press SET
 - A long beep will sound

Speak clearly about 20 cm (8 inches) away from the microphone

 The display will show the remaining recording time

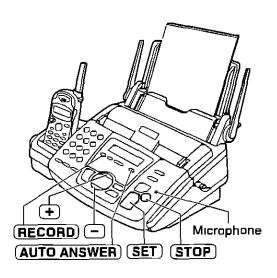
TAD/FAX mode



- TEL/FAX mode
- When finished recording, press (STOP)
 - The unit will repeat your message
 Adjust the volume using + or -

Note[.]

- You can choose 60 seconds for your own TAD/FAX greeting message (feature #54 on page 73)
 - If you change to 60 seconds, we recommend that you tell the caller in your own TAD/FAX greeting message to press * 9 before starting fax transmission
 - If you change to 16 seconds from 60 seconds, your own recorded TAD/FAX greeting message will be deleted When receiving a call, the pre-recorded message will be played



Checking the greeting messages

- Select the desired mode (TAD/FAX or TEL/FAX) for the greeting message you want to listen to (feature #77 on page 75)
- 2 If the arrow (▼) is not shown on the right of the display, turn it on by pressing (AUTO ANSWER)

If the arrow ($oldsymbol{
abla}$) is shown on the right of the display, turn it off once then on again

 The display will show the following according to your selection in step 1

TAD/FAX mode



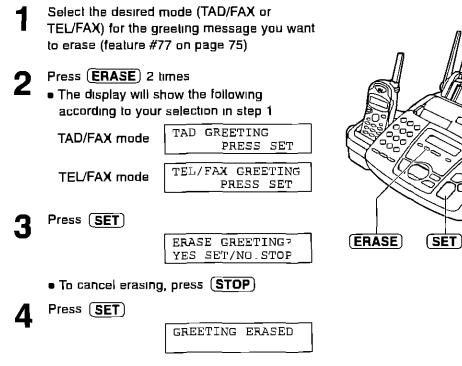
TEL/FAX mode

TEL/FAX MODE

The unit will play the greeting message

Greeting / Memo Message

Erasing your own recorded greeting messages =



 When receiving a call, the pre-recorded greeting message will be played

Leaving a message for others or yourself

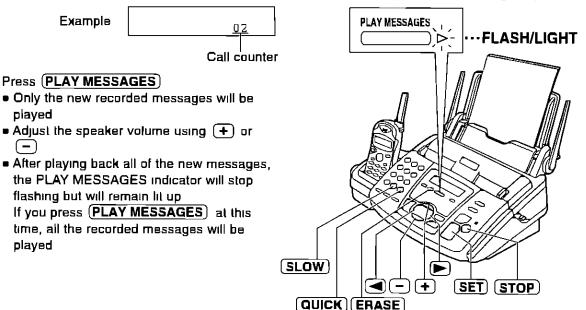
To leave a private message for yourself or someone else, you can record a voice memo. This memo can be played back later, either directly or remotely.

(STOP)

1	Press (RECORD)		
•	Display	MEMO MESSAGE PRESS SET	
2	Press (SET) • A long beep will s	ound	
		MEMO RECORDING	
3	Speak clearly abou from the microphon	t 20 cm (8 inches) away ie	
4	When finished reco	rding, press (STOP)	(RECORD) (SET) (STOP) Microphone

When the unit has recorded new voice messages

- the PLAY MESSAGES indicator will flash,
- the call counter will show the total number of recorded messages, and
- slow beeps will sound if the message alert feature is activated (feature #42 on page 72)



To repeat a message

Press (while listening to the message

- If you press within 5 seconds of the beginning of the message, the previous message will be played
- To play back a specific message, press or
 and search for the message you want to listen to

To skip a message

Press 🗩 to play the next message

To stop playback

Press (STOP)

 If you press (PLAY MESSAGES) within 1 minute, the unit will resume playing the rest of the messages

Voice time/day stamp

During playback, a synthesized voice will announce the time and day of the week that each message was recorded

To change the playback speed

Press **QUICK**) to play messages at one and a half times the original speed Press **(SLOW)** to play messages at half the

original speed • To return to the original speed, press (QUICK)

or (SLOW) again during quick or slow playback

To erase a specific message

Press **ERASE**) while listening to the message you want to erase

To erase all the messages

Check that you have listened to all of the recorded messages

1. Press (ERASE)

Display

ALL MESSAGES PRESS SET

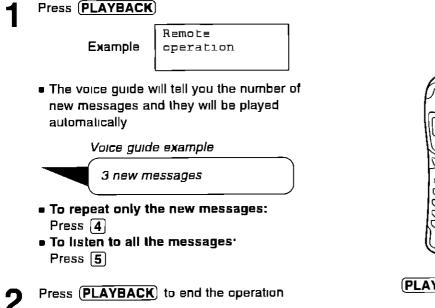
2 Press SET



- 3 Press SET
- Messages recorded in voice mailbox will not be erased

Incoming Messages

Listening to recorded messages using the handset _____





When there are no new messages

The voice guide will be heard

Voice guide example

No new messages

Press 5 or wait 4 seconds to listen to all the messages

When voice memory is full

The voice guide will be heard after playing the messages

Voice guide example

Sorry, no more memory Please erase unnecessary messages

Erase some or all of the messages

To repeat a message

Press [1] while listening to the message

 If you press 1 within 5 seconds of the beginning of the message, the previous message will be played

To skip a message

Press 2 to play the next message

To erase a specific message

Press \bigstar **4** while listening to the message you want to erase

Voice guide example



The message has been erased

 A long beep will sound The unit will then play back the next message

To erase all the messages

Press 🛞 5 to erase all the messages

Voice guide example



- All messages have been erased
- A long beep will sound

To turn AUTO ANSWER on or off

To lurn AUTO ANSWER on (TAD/FAX mode), press 7

To turn AUTO ANSWER off (TEL mode), press 9

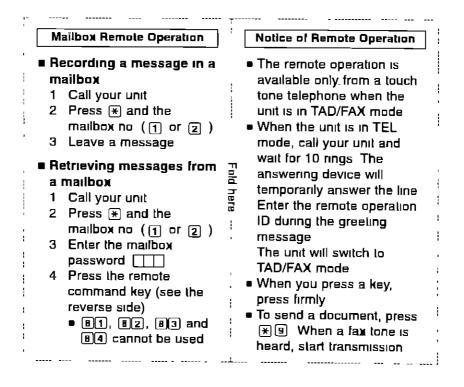
Operating from a remote location =

The following operations can be performed from a remote location using a touch tone telephone Program the remote operation ID (feature #11 on page 69) and set the unit to TAD/FAX mode before going out (p 54)

Dial key	Remote command	Page	Dial key	Remote command	Page
0	Skips the greeting message	61	*4	Erases a specific message	61
1	Repeats a message '	60	*5	Erases all messages	61
2	Skips a message	60	80	Changes to TEL mode	61
4	New message playback	60			
5	All message playback	60	B1	Turns ON message transfer	61
6	Room monitor	61	82	Turns OFF message transfer	61
7	Re-records a greeting message	61	B3	Turns ON pager call	61
9	Stops re-recording of a greeting message	61	84	Turns OFF pager call	61

Remote operation card

Please cut out and carry this card for assistance when using the remote operation



Listening to recorded messages

Call your unit from a remote touch tone telephone

2

1

Enter the remote operation ID during TAD/FAX greeting playback

When there are new messages

The voice guide will tell you the number of new messages and they will be played automatically

Voice guide example

3 new messages

To repeat a message.

Press 1 If you press 1 within 5 seconds of the beginning of a message, the previous message will be played

- To skip a message:
 Press 2
- To repeat only the new messages: Press 4

Repeats a message

Skips a message

1

2

• To listen to all the messages: Press (5)

When there are no new messages

No new messages

Press **5** or wait for 4 seconds to listen to all the messages

When voice memory is full

Sorry, no more memory Please erase unnecessary messages

Erase some or all of the messages (p 61)

Answering Device Remote Operation					
		l your unit	Key	Remote command	
		4	New message playback		
	ID nrei	during the during the eling message	5	All message playback	
	-	ne new messages will be	6	Room monitor	
	played automatically If there are no new messages, wait for 4			Re-records a greeting	
I				message	
			9	Stops re-recording of a	
		econds All the messages Ill be played back		greeting message	
3		ss the remote command	★4	Erases a specific message	
-		(s) within 10 seconds	*5	Erases <u>all m</u> essages	
			80	Changes to TEL mode	
Ke	∍y	Remote command	1	Turns ON message transfer	
	_	Skips the greeting message	82	Turns OFF message transfer	

B3 |

84

Turns ON pager call

Turns OFF pager call

Other remote operations

Erasing a specific message

Press \bigstar **4** while listening to the message you want to erase

Voice guide example



The message has been erased

 A long beep will sound. The unit will then play back the next message

Erasing all the messages

Press 🛞 5 to erase all the messages

All messages have been erased

• A long beep will sound

Monitoring the room

Press 6 to monitor the sound for about 30 seconds in the room where the unit is installed

 After 30 seconds, a beep sounds. To continue monitoring, press. 6 again within 10 seconds.

Recording a marker message

You can leave an additional message

1 Wait for the voice guide

All messages have been played

2 Wait about 10 seconds

Please leave your name and message after the beep

3. Leave a message after the beep

Re-recording a greeting message

You can change the contents of the greeting messages for TAD/FAX mode

- 1 Press (7) to start recording
 - A long beep will sound
- 2 Speak clearly up to 16 seconds
 - If you pause for over 2 seconds, 6 beeps will sound and the recording will stop Repeat from step 1 within 10 seconds
- 3 When finished recording, press 9
 - The new greeting message will be played

Skipping the greeting message

Press (0) during the greeting message playback

The unit will skip the rest of the greeting message

Turning the message transfer on or off You must program a transfer telephone number beforehand (feature #60 on page 74)

Press (B) (1) to turn ON the message transfer

Message Iransfer is set Transfer phone number is 123

Press (B) (2) to turn OFF the message transfer

Message transfer is off

 If a transfer telephone number is not programmed, you cannot turn this feature ON

Transfer phone number is not set

Turning the pager call on or off

You must program a pager number beforehand (feature #70 on page 75)

Press (1) (3) to turn ON the pager call

Pager call is set Pager number is 098765432

Press **B 4** to turn OFF the pager call

Pager call is off

If a pager number is not programmed, you cannot turn this feature ON

Pager number is not set

Changing the receive mode

Press **B O** to change the receive mode from TAD/FAX to TEL

 You cannot return to TAD/FAX mode in the same call. To return to TAD/FAX mode, see below

Returning to TAD/FAX mode

- Call your unit and wait for 10 rings
 The answering device will temporarily answer the call
- 2 Enter the remote operation ID during the greeting message
 - Your unit will switch to TAD/FAX mode

How callers can leave you private messages =

This unit has two mailbox memories. Your caller can leave a private message in a specific mailbox. Only the person who knows the password can retrieve a message from a mailbox. This feature is useful when you share this unit with other people

To use a mailbox

- 1 Record your own TAD/FAX greeting message (p. 55) Suggested message: "This is (your name) We are unable to answer right now To send a fax, start transmission. To leave a message, speak after the beep. To leave a private message, press 🛞 and the desired mailbox number 1 or 2 Thank you "
- 2. Record your own mailbox greeting message if necessary (p. 63) Suggested message "This is (personal name) Please leave your name and message after the beep "
- 3 Change the mailbox password if necessary
 - For mailbox 1 password, see feature #51 on page 73
 - For mailbox 2 password, see feature #52 on page 73
- 4. Set the unit to TAD/FAX mode (p 54)

How incoming messages are recorded in a mailbox

- Call your unit from a remote touch tone telephone 1
 - The TAD/FAX greeting message will be played
- Press $[\mathbf{X}]$ and the desired mailbox number ([1] or [2]) 2
 - A mailbox greeting message will be played



After the beep, leave a message

Note:

If the caller does not enter the mailbox number in step 2, the message will be recorded in the common memory

Recording your own mailbox greeting messages _____

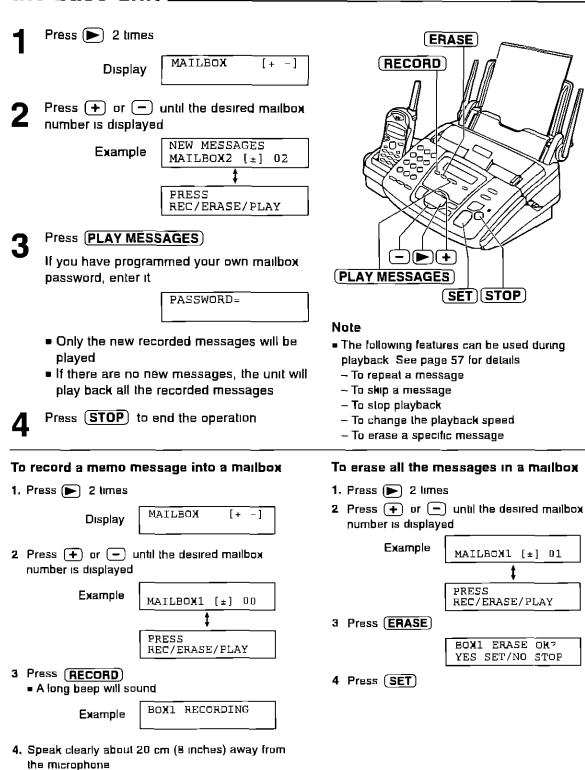
The recording time is limited to 16 seconds for each mailbox

Suggested message: "This is (personal name) Please leave your name and message after the beep "

1	Press (MENU)	+ Microphone
	Display SYSTEM SET UP PRESS NAVI [◀►]	
2	For mailbox 1. Press , then 5 5 BOX1 GREETING CHECK [±] For mailbox 2:	
	Press 🖽 , then (5) (6)	(-) (MENU) (SET) (STOP)
	BOX2 GREETING CHECK [±]	
		To check the mailbox greeting message
3	Press + or - to select "RECORD"	1. For mailbox 1 Press (MENU), 155
-	Example BOX1 GREETING RECORD [±]	For mailbox 2
		Press (MENU), 056
Δ	Press (SET)	2 Press + or 🗕 to select "CHECK"
-	Example BOX1 REC. 16s	 3 Press (SET) The unit will play the message
		4 Press (MENU)
5	Speak clearly about 20 cm (B inches) away	
J	from the microphone	To erase your own mailbox greeting
	The display will show the remaining	message
	recording time	1 For mailbox 1
	Example BOX1 REC 15s	Press (MENU), 055
C	When finished recording, press (STOP)	For mailbox 2 Press (MENU), D56
D	The unit will repeat your message Adjust	2. Press + or 🗕 to select "ERASE"
	the volume using + or -	3 Press (SET)
		Your own message will be erased
7	Press (MENU)	4 Press (MENU)

Voice Mailbox

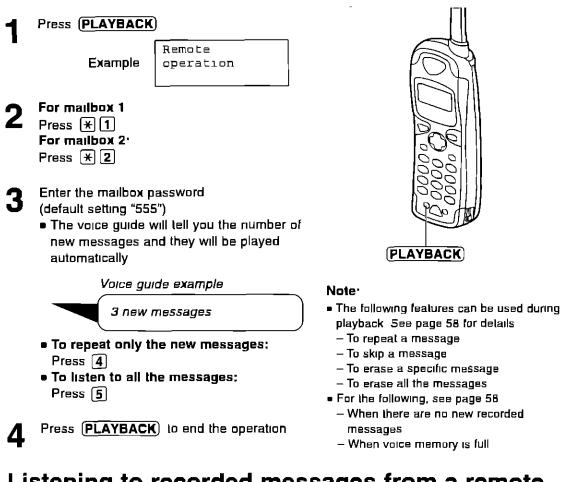
Listening to recorded messages using the base unit ______



5 When finished recording, press (STOP)

Voice Mailbox

Listening to recorded messages using the handset _____



Listening to recorded messages from a remote location _____

- Call your unit from a remote touch tone telephone

Press * and the desired mailbox number (1 or 2) during TAD/FAX greeting playback
 If you have recorded your own mailbox greeting message, it will be played

Enter the mailbox password (default setting "555")
If you have programmed your own mailbox password, enter it instead of "555"

Note[.]

or

• For details on remote operation, see pages 59–61 (B) (1), (B) (2), (B) (3), and (B) (4) cannot be used

To listen to messages in another memory after playback

Press times and $m{0}$ (for the common memory), then enter the remote operation ID

Press lpha and the desired mailbox number ((1) or (2)), then enter the mailbox password

Option

Transferring recorded messages to another telephone _____

This feature allows your unit to call a designated telephone number each time an incoming voice message is recorded. You can retrieve the transferred message during the same call using the remote operation.

To use this feature, program the transfer telephone number first (feature #60 on page 74) and set the unit to TAD/FAX mode

- 1. An incoming voice message is recorded in your unit
- 2 Your unit calls the transfer telephone number
- 3. Answer the call with the transfer telephone
- 4. Your unit will play the transfer greeting message

Pre-recorded message

This is a telephone answering system Please enter your remote ID for remote operation

- This message can be changed (see below)
- 5. Enter the remote operation ID (feature #11 on page 69)
- 6. Retrieve the message using the remote operation (p 59-61)

Recording your own transfer greeting message

The recording time is limited to 16 seconds

Suggested message: "This is a transferred message from (your name, business and/or telephone number) Please enter your remote ID for remote operation "

1	Press (MENU) Display Press (), then (6)	SYSTEM SET UP PRESS NAVI [◀►]	5	Speak clearly about 20 cm (8 inches) away from the microphone The display will show the remaining recording time Frample TRNS REC 15s
2	Press 🕂 or 🗖	TRNS-GREETING CHECK [±]	6	Example INS_REC When finished recording, press (STOP)
с Л	Press (SET)	TRNS-GREETING RECORD [±]		 The unit will repeat your message Adjust the volume using + or
-+		TRNS REC 16s	7	Press (MENU)
To c	check the transfer g	reeting message		erase your own transfer greeting
1. F	ress (MENU), 061	D		
2 F	Press 🕂 or 🗕 to se	ect "CHECK"	1 F	Press (MENU) , (¤6(1)
3 F	Press (SET)		2 F	Press 🕂 or 🗕 lo selecl "ERASE"

- The unit will play the message
- 4. Press (MENU)

- Your own message will be erased
- 4 Press (MENU)

3 Press (SET)

 When transferring a call, the pre-recorded transfer greeting message will be played

Programming :

The unit provides various programming features. Program the desired settings by referring to the programming tables (p. 68-75)

General programming method

program code (# and 2-digit number) instead of

2 Press 🔲 and the 2-digit code number

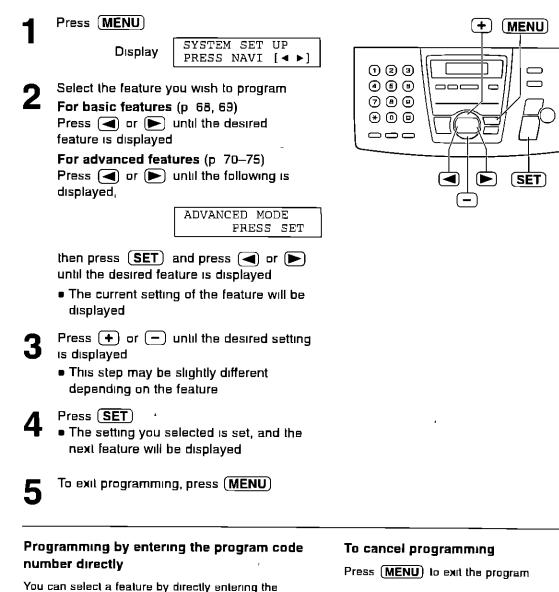
See programming tables for code numbers

using 🖪 or 🕟 in step 2

3 Follow steps 3 to 5 above

1 Press (MENU)

(p 68–75)



67

- 1

Basic features =

How to set menu options

- 1. Press (MENU)
- 2 Press (or) until the desired feature is displayed
- 3 Press + or until the desired setting is displayed
- 4. Press (SET)
- 5 Press (MENU)

Note:

- Step 3 may be slightly different depending on the feature
- See page 67 for more details

Programming table

Code	Feature & Display	Settings	How the unit operates		
#01	Setting the date and time SET DATE & TIME PRESS SET	mm/dd/yy hh mm	See page 15 for details		
#02	Setting your logo YOUR LOGO PRESS SET	(Up to 30 characters)	See page 16 for details		
#03	Setting your facsimile telephone number YOUR FAX NO PRESS SET	(Up to 20 digits)	See page 18 for details		
#04	Printing the sending report SENDING REFORT	ERROR	"ERROR" The sending report will be printed only when fax		
	MODE=ERROR [±]_ To print and check the sending	ON	transmission fails "ON" The sending report will be		
	report for fax transmission results (p. 39)	OFF	printed out after every transmission		
#06	Changing the ring setting in TAD/FAX mode	1, 2 , 3, 4	This setting is also available after activating TAD/FAX mode		
	TAD RING COUNT RINGS=2 [±]	TOLL SAVER	See page 54 for details		
	To change the number of rings before the unit answers a call in TAD/FAX mode	RINGER OFF			
	Changing the ring setting in FAX ONLY mode	1, 2, 3, 4	This setting is also available after activating FAX ONLY mode (p. 47)		
	FAX RING COUNT RINGS=3 [±]				
	To change the number of rings before the unit answers a call in FAX ONLY mode				

Features Summary

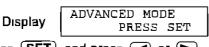
Code	Feature & Display	Settings	How the unit operates
#10	Changing the incoming message recording lime	νοχ	"VOX" Unlimited "1 MIN" Up to 1 minute
	RECORDING TIME MODE=VOX [±]	1 MIN	
#11	Setting the remote operation ID REMOTE TAD ID ID=111	ID = 111	 Follow steps 1 and 2 on page 68 Enter any 3-digit number except a number using 0 or 7 Press (SET) Press (MENU)
#13	Setting the dialing mode DIALING MODE MODE=TONE [±]	TONE	"TONE" For tone dial service "PULSE" For rotary pulse dial service
	If you cannot dial, change the setting depending on your telephone line service	PULSE	
#16	Setting the recording paper size PAPER SIZE =LETTER [±]	LETTER	"LETTER" Letter or legal size paper = Paper width is 216 mm (8½")
		A4	"A4" A4 size paper = Paper width is 210 mm (8¼")
#17	Setting the ringer pattern RINGER PATTERN MODE=A [±]	Α	You can select the ringer pattern The
		В	selected ringer pattern will sound during setting
		С	

•

Advanced features =

How to set menu options

- 1. Press MENU
- 2. Press or until the following is displayed,



then press (SET) and press (I) or (I) until the desired feature is displayed

- 3. Press + or until the desired setting is displayed
- 4. Press SET
- 5 Press (MENU)

Note

- Step 3 may be slightly different depending on the feature
- See page 67 for more details

Programming table

Code	Feature & Display	Settings	How the unit operates		
#22	Setting the journal report to print automatically	ON	"ON" The unit will print the journal report automatically after every 30		
	AUTO JOURNAL MODE=ON [±]	OFF	new fax communications (p. 39)		
	Sending document overseas OVERSEAS MODE MODE=ERROR [±]	NEXT FAX	"NEXT FAX" This setting is effective only for the next attempted fax transmission After transmission, the		
#23	If you have difficulty sending an overseas fax, activate this feature before starting transmission. This feature makes sending documents easier as the transmission speed is slowed down	ERROR	unit will return to the previous setting "ERROR" When the previous fax transmission fails and you redial the same number • This feature is not available for		
		OFF	 This feature is not available for broadcast transmission The calling charge may be higher 		
#25	Sending a fax at a specific time DELAYED SEND MODE=OFF [±] This feature allows you to take advantage of low-cost calling hours offered by your telephone company • The setting can be reserved to take place up to 24 hours in advance	ON / fax no / hhmm	To send a document 1. Insert the document 2 Follow steps 1 and 2 above 3 Press + or - to select "ON" 4. Press <u>SET</u> 5 Enter the fax number 6 Press (SET)		
		OFF	 7. Enter the transmission start time Press × to select "AM" or "PM" 8 Press <u>SET</u> 9. Press <u>MENU</u> To cancel after programming, press <u>STOP</u> then <u>SET</u> 		
#26	Setting the Caller ID list to print automatically	ON	"ON" The unit will print the Caller ID list automatically after every 30		
	AUTO CALL LIST MODE=ON [±]	OFF	new calls (p 31)		

Features Summary

Code	Feature & Display	Settings	How the unit operates		
#30	Changing the silent fax recognition ring setting SILENT FAX RING RINGS=3 [±] To change the number of rings	3, 4, 5, 6	See p	ages 48 and 4	19 for details
	when the unit detects a phone call in TEL/FAX mode				
#31	Setting the Distinctive Ring pattern	A, B , C, D	See page 51 for details		
#31	RING DETECTION MODE=B [±]	OFF			
	Setting the quick scan QUICK SCAN MODE=OFF [±]	ON	"ON" The unit will store the documents first and release them If the document exceeds the		
#34	To scan the document into memory before sending/copying This is helpful when you want to remove the document for other uses	OFF	memory capacity (p 92), sending/copying will be canceled and this leature will be turned off automatically		
	Receiving other size documents RCV REDUCTION MODE=92% [±] If the size of the document sent by the other party is as large as, or larger than the recording paper, the	100%	Setting	Recording paper	Onginal document
			100%	Legal	Letter, A4
		92%		A4	Letter
				Letter	Letter
#36	unit can reduce and print the		92%	Legal	Legal
	document Select the desired reduction rate	86%		A4	A4
			86%	Letter	A4
		72%	72%	Letter	Legal
				A4	Legal
#39	Changing the display contrast	NORMAL	"NORMAL" For normal contrast "DARKER" Used when the display		
	MODE=NORMAL [±]	DARKER	contrast is too light		

i.

Advanced features (cont.) ===

How to set menu options

- 1. Press (MENU)
- 2 Press or b until the following is displayed,



then press (SET) and press (I) or (I) until the desired feature is displayed

- 3. Press + or until the desired setting is displayed
- 4. Press SET
- 5. Press (MENU)

Note:

- Step 3 may be slightly different depending on the feature
- See page 67 for more details

Programming table (cont.)

Code	Feature & Display	Settings	How the unit operates	
#41	Changing the fax activation codeFAX ACTIVATION MODE=ON [±]If you use an extension telephone and wish to use it to receive a fax, activate this feature, and enter the code (p 50)	ON / CODE= * 9	 Follow steps 1 and 2 above Press (+) or (-) to select "ON" Press (SET) Enter your code from 2 to 4 digits, 	
		OFF	using 0–9 and * 5 Press (SET) 6 Press (MENU) • Do not enter "0000"	
#42	Setting the message alert MESSAGE ALERT MODE=OFF [±]	ON	If you hear slow beeps, listen to recorded messages (p 57, 58) The beeps will stop	
	To alert you with beeps when a new voice message is recorded	OFF		
#43	Setting the recording time alert REC TIME ALERT MODE=OFF [±]	ON OFF	If you hear slow beeps, erase the recorded messages (p 57, 58, 64) The beeps will stop	
	To alert you with beeps when there is less than 60 seconds of remaining recording time			
#44	Setting the memory reception alert RECEIVE ALERT MODE=ON [+]	ON	If you are alerted by a slow beeping sound, clear the printing problem and make sure the unit is supplied with enough paper to prin	
	To alert you with a beeping sound when a document which has been received is stored into memory due to some existing problem	OFF	the stored document The beeps will stop	

Features Summary

Code	Feature & Display	Settings	How the unit operates
	Setting the friendly reception FRIENDLY RCV MODE=ON [±]	ON	"ON" You do not have to press (FAX/START) for fax reception
#46	To receive a fax automatically when you answer a call and hear a fax calling tone (slow beep)	OFF	
	Setting the fax voice guidance FAX GUIDANCE MODE=ON [±]	ON	Voice guidance examples "Start transmission" "Transmission is complete"
#47	If you wish to hear the voice guidance (see right) at each fax transmission/reception, set this feature to "ON"	OFF	"Transmission has failed" "Transmission has been interrupted" "Start reception"
	 To hear the voice guidance only when fax transmission/reception fails, select "ERROR" 	ERROR	etc
#51	Setting the mailbox 1 password BOX1 PASSWORD ID= If you wish to prevent other users from retrieving messages, program a password for mailbox 1	ID= 555	 Follow steps 1 and 2 on page 72 Enter a 3-digit number except a number using digits 0 or 7 Press <u>SET</u> Press <u>MENU</u>
#52	Setting the mailbox 2 password BOX2 PASSWORD ID= If you wish to prevent other users from retrieving messages, program a password for mailbox 2	ID=555	 Follow steps 1 and 2 on page 72 Enter a 3-digit number except a number using digits 0 or 7 Press (SET) Press (MENU)
#54	Changing the recording time for your own TAD/FAX greeting message GREETING TIME MODE=16s [±]	16s 60s	"16s" Up to 16 seconds "60s" Up to 60 seconds ■ See page 55 for details
	Greeting message for mailbox 1 (checking, recording or erasing)	CHECK	See page 63 for details
#55	BOX1 GREETING CHECK [±]	RECORD	
	Greeting message for mailbox 2	CHECK	See page 63 for details
#56	(checking, recording or erasing)	RECORD	
		ERASE	

(The default setting is in bold type)

Advanced features (cont.) =

How to set menu options

- 1. Press MENU
- 2. Press (or) until the following is displayed,



then press **SET**) and press **I** or **I** until the desired feature is displayed

- 3. Press + or until the desired setting is displayed
- 4. Press SET
- 5. Press (MENU)

Note[.]

- Step 3 may be slightly different depending on the feature
- See page 67 for more details

Programming table (cont.)

Code	Feature & Display	Settings	How the unit operates
	Setting the message transfer MESSAGE TRANS MODE=OFF [±] To transfer a recorded incoming	ON	 Follow steps 1 and 2 above Press + or - to select "ON" Press (SET) Enter the transfer telephone
#60	message to another telephone (p. 66)	OFF	number 5 Press (<u>SET</u>) 6. Press (<u>MENU</u>) • This feature can be turned on/off from a remote location (p 61)
	Transfer greeting message	CHECK	See page 66 for details
#61	(checking, recording or erasing)	RECORD	
	CHECK [±]	ERASE	
#67	Setting the incoming message monitor ICM MONITOR MODE=ON [±]	ON	If you select "OFF", you cannot monitor the incoming message
#07	To hear an incoming message (ICM) from the speaker when the answering device is recording the message	OFF	

(The default setting is in bold type)

Features Summary

Code	Feature & Display	Settings	How the unit operates		
<i>4</i> 75	Calling your pager PAGER CALL MODE=OFF [±]	ON	See page 50 for details		
#70	If you have a pager and wish to know when your unit receives a lax or an incoming message, activate this feature	OFF			
	Setting the connecting tone CONNECTING TONE MODE=ON . [±]	ON	You can confirm the status of the other party's machine If the ring back tone continues, the other party's machine may not be		
#76	If you often have trouble when sending a fax, this feature allows you to hear connecting tones fax tone, ring back tone and busy tone	OFF	a facsimile or may have run out of paper Check with the other party The connecting tone volume cannot be adjusted		
	Changing the receiving mode in the AUTO ANSWER setting	TAD/FAX	"TAD/FAX" Telephone Answering Device/Facsimile mode (p. 54)		
#77	AUTO ANSWER MODE=TAD/FAX [±]	FAX ONLY	"FAX ONLY" Facsimile only mode (p 47)		
		TEL/FAX	"TEL/FAX" Telephone/Facsimile mode (p 48, 49)		
#78	Changing the TEL/FAX delayed ring setting TEL/FAX RING RINGS=2 [±] If you use an extension telephone in TEL/FAX mode, select the desired number of rings of the extension telephone	1, 2, 3, 4	See pages 48 and 49 for details		
#80	Resetting on advanced features to their default settings	YES	 Follow steps 1 and 2 on page 74 Press + or - to select "YES" 		
#30	RESET=NO [±]	NO	3. Press (SET) 4. Press (SET) again 5 Press (MENU)		

(The default setting is in bold type)

Reports

If your unit cannot send a fax, check the following

- the number you dialed is correct,

- the other party's machine is a facsimile

If the problem remains, correct it by following the communication message printed on the sending and journal reports (p. 39)

COMMUNICATION ERROR

(CODE 40-42, 46-52, 58, 65, 68, 72, FF)

• A transmission or reception error occurred Try again or check with the other party

COMMUNICATION ERROR

(CODE: 43, 44)

- A line problem occurred Connect the telephone line cord to a different jack and try again
- An overseas transmission error occurred Try using the overseas mode of feature #23 (p 70)

DOCUMENT JAMMED

 The document is jammed. Remove the jammed document (p. 85)

ERROR-NOT YOUR UNIT

(CODE 54, 59, 70)

• A transmission or reception error occurred because of a problem with the other party's fax machine. Check with the other party

MEMORY FULL

 The memory is full of received documents due to a lack of recording paper Install paper

NO DOCUMENT

 The document was not fed into the unit properly Reinsert the document and try again

OTHER FAX NOT RESPONDING

- The other party's fax machine is busy or has run out of recording paper. Try again
- The document was not fed properly Reinsert the document and try again
- The other party's fax machine rings too many times Send the fax manually (p 38)
- The other party's machine is not a facsimile Check with the other party
- The number you dialed is not in service

PRESSED THE STOP KEY

 STOP) was pressed and fax communication was canceled

ОК

Fax communication was successful

Display _____

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

Base unit

Display message	Cause & solution
CALL SERVICE CALL SERVICE2	 There is something wrong with the unit Contact our service personnel
CHECK DOCUMENT	 The document was not fed into the unit properly Reinsert the document. If misfeeding occurs frequently, clean the document feeder rollers (p. 86) and try again
CHECK MEMORY	 The memory (telephone numbers, parameters, etc.) has been erased Re-program
CHECK PAPER	 The recording paper is not installed or the unit has run out of paper Install paper and press (SET) to clear the message The recording paper is not fed into the unit properly Reinstall paper (p 13) and press (SET) to clear the message The recording paper has jammed near the recording paper entrance Clear the jammed paper (p 84) and press (SET) to clear the message Do not install folded or heavily curled paper
COVER OPEN COVER OPEN CHECK FILM	 The covers are open Close them The ink film is empty Replace the ink film with a new one (p 11) The ink film is not installed install it (p 11) The ink film is slack Tighten it (see step 7 on page 12)
DIRECTORY FULL	 There is no space to store new items in the directory Erase unnecessary items (p 29)
FAX IN MEMORY	The unit has a document in memory See the other displayed message instructions to print out the document
FAX MEMORY FULL	 The memory is full of received documents due to a lack of recording paper or a recording paper jam Install paper or clear the jammed paper When performing memory transmission, the document being stored exceeds the memory capacity of the unit Transmit the entire document manually
MEMORY FULL	When making a copy, the document being stored exceeds the memory capacity of the unit Press STOP to clear the message Divide the document into sections
MESSAGE FULL	 There is no room left in memory to record a voice message Erase unnecessary messages (p 57, 58, 64)

Error Messages

Display message	Cause & solution
MODEM ERROR	 There is something wrong with the modern circuit. Contact our service personnel
NO FAX REPLY	 The other party's fax machine is busy or has run out of recording paper Try again
PAPER JAMMED	A recording paper jam occurred Clear the jammed paper (p 84)
PLEASE WAIT	 The unit is checking that there is no slack on the ink film. Wait for a while
REDIAL TIME OUT	 The other party's fax machine is busy or has run out of recording paper. Try again
REMOVE DOCUMENT	 The document is jammed Remove the jammed document (p 85) Attempted to transmit a document longer than 600 mm Press (STOP) to remove the document Divide the document into two or more sheets and try again
TRANSMIT ERROR	A transmission error occurred Try again
UNIT OVERHEATED	The unit is too hot. Let the unit cool down

Handset

Display message	Cause & solution
Directory full	 There is no space to store new items in the directory Erase unnecessary items (p 29)
No link to base Place on cradle and try again.	 The handset has lost communication with the base unit. Move closer and try again Lay the handset on the base unit and try again The power cord is disconnected. Plug in the power cord
Not available	• (), (), (FLASH/CALL WAIT/PLAYBACK) or (INTERCOM/CLR) was pressed while the base unit was in use
Please lift up and try again	
Save error	 While programming, the handset has lost communication with the base unit. Move closer to the base unit.

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

General

l cannot make and receive calls

- The power cord or telephone line cord is not connected Check the connections (p 14)
- If you used a splitter to connect the unit, remove the splitter and connect the unit to the wall jack directly. If the unit operates properly, check the splitter.

l cannot make calls.

• The dialing mode setting is wrong Change the setting of feature #13 (p 69)

The unit does not work

 Disconnect the unit from the telephone line and connect the line to a known working telephone of the working telephone operates properly, contact our service personnel to have the unit repaired of the working telephone does not operate properly, contact your telephone company

The unit does not ring.

- The ringer volume is set to off Adjust it (p 21)
- The ring setting of feature #06 is set to "RINGER OFF" Change to another ring setting (p 6B)

The unit displays the following though the paper is inserted

CHECK PAPER

 The paper is inserted halfway Insert it correctly (p 13) and press SET to clear the message

(continued)

The other party complains they only hear a fax tone and cannot talk.

- FAX ONLY mode is set. Tell the other party the number is only used for faxes.
- Change to TAD/FAX mode (p 54), TEL mode (p 46) or TEL/FAX mode (p 48)
- If you use a distinctive ring service, turn AUTO ANSWER off so that the fax machine is in TEL mode
- If you use a distinctive ring service, make sure you have set the same ring pattern assigned by the telephone company (p 51)

The (<u>REDIAL/PAUSE</u>) button does not function properly.

 If this button is pressed during dialing, a pause will be inserted. If pressed immediately after a dial tone is obtained, the last number dialed will be redialed

The receiving mode does not function properly.

- A Distinctive Ring pattern of feature #31 is set (p 51)
- TEL/FAX mode is set (p 48, 49)

During programming, I cannot enter the code, ID number or password

 All or part of the numbers are the same Change the number feature #11 (p 69), #41 (p 72), #51 and #52 (p 73)

The ink film runs out quickly.

 The HELP printing function, copy function, and reports also use ink film

Operations

General (cont.)

The unit beeps.

 Recording paper or ink film has run out Press STOP to stop the beeps and install paper/ink film

Whenever I try to retrieve my voice mail messages, the retrieval is interrupted by the fax tone

• You are probably entering *98 or *99 to retrieve your messages *9 is the default setting for the fax activation code If you use a voice mail service, set the fax activation feature to off or reprogram the activation code (feature #41 on page 72)

The speakerphone is not working

- Use the speakerphone in a quiet room
- If you have difficulty hearing the other party, adjust the volume using + or -

The (LOCATOR/INTERCOM) button does not function

- The handset is too far from the base unit
- The handset is engaged in an outside call

While having an intercom call, a series of tones are heard.

• Someone is calling you from outside Press **TALK** or **DIGITAL SP-PHONE** to answer the outside call The intercom call will be terminated

Cordless handset

The handset does not work

- Make sure that the battery is installed correctly (p 85)
- Charge the battery fully (p 20)
- Clean the charge contacts and charge again (p 20)

The handset does not ring

• The ringer volume is set to off Press () in step 4 on page 21

(continued)

The display shows the following and an alarm tone sounds when I press (TALK), (INTERCOM/CLR) or (FLASH/CALL WAIT/PLAYBACK)

No link to base Place on cradle and try again

- The handset is too far from the base unit Move closer and try again
- Lay the handset on the base unit and try again
- The power cord is disconnected Plug in the power cord

Static, sound cuts in/out, fades Interference from other electrical units

- Locate the handset and the base unit away from other electrical appliances
- Move closer to the base unit
- Press CH to select a clear channel
- Raise the base unit antennas

The handset stops working while being used

 Place the handset on the base unit, and disconnect the power cord to reset the unit Connect the power cord, and try again

I cannot store a name and telephone number in the directory

- You cannot store a name and number while the unit is in the talk or intercom mode
- Do not pause for over 60 seconds while storing

While storing a name and telephone number in the directory, the handset starts to ring.

• To answer a call, press **TALK**) The program will be canceled Store the name and number again

I cannot redial by pressing (REDIAL/PAUSE)

 If the last number dialed was more than 32 digits long, the number will not be redialed

Cordless handset (cont.)

The handset beeps intermittently and/or the following is displayed.

Recharge battery 》[∎]

• Charge the battery fully (p 20)

l charged the battery fully, but the following is still displayed

Recharge battery 》[∎]

- Clean the charge contacts and charge again (p 20)
- It is time to replace the battery (p B5)

I cannot receive documents by pressing FAX RECEIVE) on the handset

- Press (FAX RECEIVE) until a single beep is heard
- The memory is full of received documents due to a lack of recording paper or a recording paper jam Install paper or clear the jammed paper

The handset display is blank.

The handset display is still blank after pressing \bigtriangledown , \bigstar , \blacktriangleleft or \blacktriangleright

• Charge the battery fully (p 20)

The handset display goes to the standby mode while viewing the caller information

- Do not pause for over 60 seconds while searching
- (DIGITAL SP-PHONE) was pressed

Fax – sending

I cannot send documents

- The other party's fax machine is busy or has run out of recording paper Try again
- The other party's machine is not a facsimile. Check with the other party
- The other party's fax machine rings too many times Send the fax manually (p 38)

The other party complains that letters on their received document are distorted or not clear

- If your line has special telephone services such as call waiting, the service may have been activated during fax transmission Connect the unit to a line that does not have these services
- The extension telephone on the same line is off the hook. Hang up the extension telephone and try again
- Try copying the document If the copied image is clear, there may be something wrong with the other party's machine

The other party complains that dirty patterns or black lines appear on their received document.

 The glass or rollers are dirty Clean them (p B6)

l cannot send a fax overseas

- Use the overseas transmission mode of feature #23 (p 70)
- Add two pauses at the end of the telephone number or dial manually

Fax – receiving

l cannot receive documents

 When you have a single telephone line and subscribe to a telephone company's voice mail service, you must also subscribe to the Distinctive Ring Service (p 51)

I cannot receive documents automatically

- The receiving mode is set to TEL mode Set to TAD/FAX mode (p 54), FAX ONLY mode (p 47) or TEL/FAX mode (p 48)
- The time taken to answer the call is too long Decrease the number of rings feature #06 (p 68), #30 (p 71) and #78 (p 75)
- The greeting message is too long Shorten the message (p 55)

(conlinued)

Operations

Fax - receiving (cont.)

The display shows the following, but faxes are not received.

CONNECTING .

• The incoming call is not a fax Change the receiving mode to TEL mode (p 46) or TAD/FAX mode (p 54)

A blank sheet is ejected.

- If a blank sheet is ejected after the received document is printed out, the receiving reduction rate is not programmed correctly Program the proper rate in feature #36 (p. 71)
- The other party placed the document in their fax machine the wrong way Check with the other party

A white line or a dirty pattern appears on your recording paper.

• The glass or rollers are dirty Clean them (p 86)

The printing quality is poor,

- The other party sent a faint document Ask them to send a clearer copy of the document
- The thermal head is dirty Clean it (p 87)
- Some paper has instructions recommending which side to print on Try turning the paper over
- You may have used paper with a cotton and/or fiber content that is over 20%, such as letterhead or resume paper
 We recommend smooth paper such as Hammermill Jet Print for clearer printing

I cannot receive documents by pressing FAX RECEIVE) on the handset

- Press (FAX RECEIVE) until a single beep is heard
- The memory is full of received documents due to a lack of recording paper or a recording paper jam Install paper or clear the jammed paper

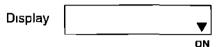
The other party complains that they cannot send a document.

 The memory is full of received documents due to a lack of recording paper or a recording paper jam Install paper (p 13) or clear the jammed paper (p 84)

Receiving mode

l cannot select the desired receiving mode.

- If you want to set TAD/FAX, FAX ONLY or TEL/FAX mode
 - select the desired mode using feature #77 (p 75), and
 - press (AUTO ANSWER) to turn ON the arrow (▼) located on the right of the display



- If you want to set TEL mode
 - press **AUTO ANSWER**) to turn OFF the arrow (▼) located on the right of the display



The other party complains that they cannot send a document.

 The unit is not in AUTO ANSWER mode Press (AUTO ANSWER) to turn ON the arrow (♥) located on the right of the display

Copying

The unit does not make a copy.

 You cannot make a copy during programming Make the copy after programming or stop programming

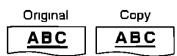
A black line, a white line or a dirty pattern appears on the copied document

• The glass or rollers are dirty Clean them (p 86)

The copied image is distorted.

• The thermal head is dirty Clean it (p 87)

Copying (cont.) The printing quality is poor



- Some paper has instructions recommending which side to print on Try turning the paper over
- You may have used paper with a cotton and/or fiber content that is over 20%, such as letterhead or resume paper. We recommend smooth paper such as Hammermill Jet Print for clearer printing

Answering device

I cannot retrieve recorded messages from a remote location.

 Press the remote operation ID correctly and firmly (p 60)

Messages in the mailbox do not play back.

- The mailbox password is wrong Enter the correct password
 - For mailbox 1 password, see feature #51 on page 73
 - For mailbox 2 password, see feature #52 on page 73

(continued)

If a power failure occurs

- The unit will not function
- The unit is not designed for making emergency telephone calls when the power fails Alternative arrangements should be made for access to emergency services
- Fax transmission and reception will be interrupted
- If the delayed transmission (feature #25 on page 70) is programmed and the start time is passed during a power failure, transmission will be attempted soon after power is restored
- If any fax documents are stored in the memory, they will be lost. When power is restored, a power down report will be printed out stating which contents in the memory have been erased.

The other party complains that they cannot leave a voice message.

• The memory is full Erase unnecessary messages (p 57, 58, 64)

While operating the answering device from the handset, a series of tones is heard

 Someone is calling you from outside Press TALK to answer the outside call The remote operation will be terminated

l cannot operate the answering device with the handset.

- Someone is operating the answering device
- You are too far from the base unit. Move closer to the base unit.

Jams

Recording paper jam —

If the unit does not eject any recording paper during fax reception or copying, the recording paper has jammed and the display will show the following

Dı	ISPIAY PAPER JAMMED	-
1	Open the front cover by pulling up the cent part	er Center part
2	Push the back cover open button (green) o the right side of the unit OR Push the back cover open lever (green) inside of the unit	n Front cover Back cover open lever (green) OR
3	Open the back cover	Jammed Back recording cover paper /
4	Remove the jammed recording paper	
5 ∛ ₿		
6	Close the back cover securely by pushing down on the dotted area at both ends (1) Close the front cover securely (2)	Front cover

Document iams – sending —

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

Open the front cover by pulling up the center Dart



Remove the jammed document carefully

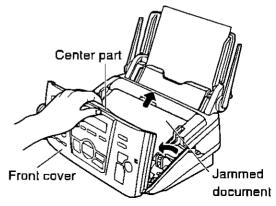


Close the front cover securely

Note.

Do not pull out the rammed paper forcibly before opening the front cover

Replacing the handset battery =



Replace the battery with a new Panasonic rechargeable battery Model No. P-P510. See page 8 for accessory information

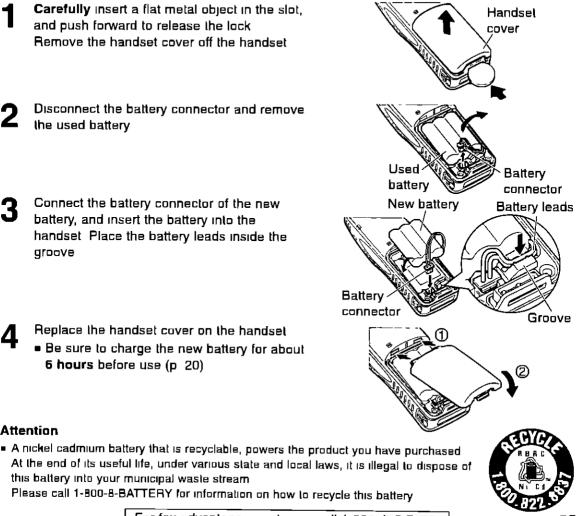
To prevent memory loss, replace the battery within 3 minutes.

- Carefully insert a flat metal object in the slot. and push forward to release the lock Remove the handset cover off the handset
- Disconnect the battery connector and remove the used battery
- Connect the battery connector of the new battery, and insert the battery into the handset Place the battery leads inside the groove

Attention

Replace the handset cover on the handset Be sure to charge the new battery for about 6 hours before use (p 20)

this battery into your municipal waste stream



Document feeder =

If misfeeding occurs frequently or if dirty patterns or black bands appear on a transmitted document or on the original of a copied document, clean the document feeder



Disconnect the power cord and the telephone line cord.

- Open the front cover by pulling up the center 2 part
- Clean the document feeder rollers and rubber flap with a cloth moistened with isopropyl rubbing alcohol, and let all parts dry thoroughly
- Δ

Clean the glass with a soft and dry cloth

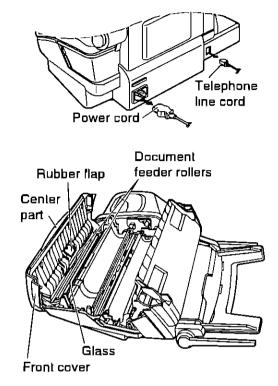


Close the front cover securely

Connect the power cord and the telephone 6 line cord

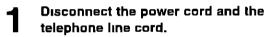
Caution

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



Thermal head 🚃

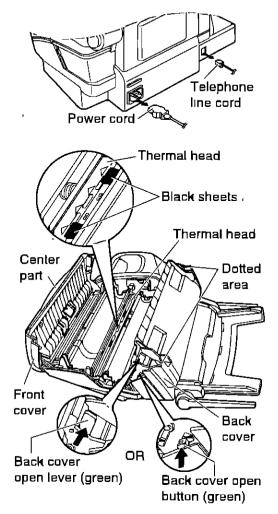
If dirty patterns or black or white bands appear on a copied or received document, check whether there is dust on the thermal head and clean the thermal head to remove the dust



- 2 Open the front cover by pulling up the center part
- **3** Open the back cover by pushing the back cover open button (green) or pushing the back cover open lever (green)
- 4 Clean the thermal head with a cloth moistened with isopropyl rubbing alcohol, and let it dry thoroughly
 - Do not touch the black sheets on the thermal head.
- 5 Close the back cover securely by pushing down on the dotted area at both ends Close the front cover securely
- 6 Connect the power cord and the telephone line cord

Caution:

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



Printed Reports

Reference lists and reports =

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

Setup list: provides you with the current settings of the basic and advanced programming features (p. 68–75)

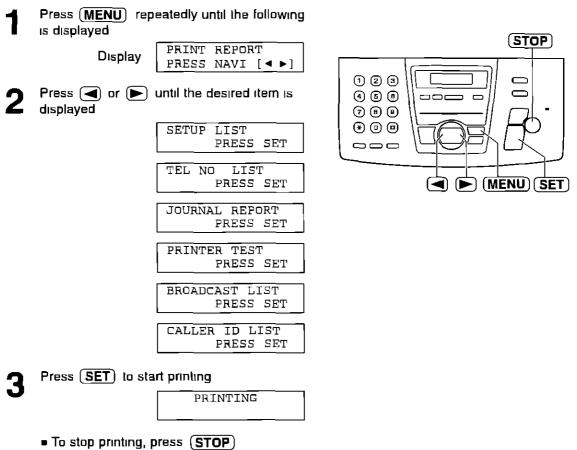
Telephone number list: provides you with names and telephone numbers which are stored in the directory

Journal report · keeps records of fax transmission and reception. This report will be printed automatically after every 30 fax communications (p. 39).

Printer test list allows you to check the print quality of your unit. If the test print has a dirty pattern, or blurred points or lines, clean the thermal head (p. 87)

Broadcast programming list, provides you with items which are stored in the broadcast feature (p. 41)

Caller ID list: keeps records of the last 30 callers after subscribing to a Caller ID service. This report will be printed automatically after every 30 callers (p. 31).



 After printing, the printed item will be displayed

Press (MENU)

If required by the telephone company, inform them of the following

- FCC Registration No (found on the rear of the unit)
- Ringer Equivalence No (found on the rear of the unit)
- The particular telephone line to which the equipment is connected

This unit must not be connected to a coin operated line. If you are on a party line, check with your local telephone company

Ringer Equivalence Number (REN)

This REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area

In the event that terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped However, where prior notice is impractical, the company may temporarily cease service providing that they

- a) Promptly notify the customer
- b) Give the customer an opportunity to correct the problem with their equipment
- c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68

The Telephone Company may make changes in its communications facilities, equipment operations, or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68. If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service

CAUTION

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device When programming emergency numbers and/or making test calls to emergency numbers

- Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up
- 2 Perform such aclivities in the off-peak hours, such as early morning or late evenings

This telephone provides magnetic coupling to hearing aids

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of the FCC Rules Operation is subject to the following two conditions

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received,

including interference that may cause undesired operation Privacy of communications may not be ensured when using this phone

CAUTION

To comply with FCC RF exposure requirements, the base unit should be installed with its antenna located at 20 cm or more from persons and handset should be carried with the specific belt-clip provided for the handset to ensure compliance. Other nontested belt-clips or similar body-worn accessories may not comply, therefore, should be avoided Have any questions? For in warranty support, CALL 1-800-HELP-FAX (1-800-435-7329) on operating the unit, getting repair service, and/or getting supplies

Panasonic Consumer Electronics Company, Division of Matsushita Electric Corporation of America

One Panasonic Way, Secaucus, New Jersey 07094 Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc

Ave 65 de Infanteria, Km 95, San Gabriel Industrial Park, Carolina, Puerto Rico 00985

PANASONIC Facsimile Products Limited Warranty

In the event of a defect in materials or workmanship, Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the warrantor"), will repair this product with new or refurbished parts, free of charge, in the USA or Puerto Rico for 6-month limited warranty from the date of original purchase

This Limited Warranty Excludes both Labor and Parts for batteries, antennas, ink film, toner cartridge, drum unit, ink cartridge and cosmetic parts (cabinet)

Carry-in or mail-in service in the USA can be obtained during the warranty period by contacting a Panasonic Services Company (PASC) Factory Servicenter listed in the Servicenter Directory Or call, toll free, 1-800-HELP-FAX (1-800-435-7329) to locate a PASC Factory Servicenter Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the Panasonic Sales Company telephone number listed in the Servicenter Directory

This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered.

This warranty only covers failures due to defects in material or workmanship which occur during normal use The inability of this product to interface with any specific computer is not a manufacturing defect and is outside of the scope of this Limited Warranty. In no event shall the warrantor be liable by reason of such incompatibility. The warranty does not cover damages which occur in shipment, or failures which are caused by products not supplied by the warrantor such as non Panasonic ink film, toner cartridge or drum unit, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, sel-up adjustments, improper operation or maintenance, alteration, modification, power line surge, improper voltage supply, lightning damage, signal reception problems, rental use of the product, or service by anyone other than a PASC Factory Servicenter or a PASC authorized Servicenter, or damage that is attributable to acts of God.

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above

THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the Customer Satisfaction Center at the company address indicated above

For product service

- Servicenters are listed on next page
- Call toll-free 1-800-HELP-FAX (1-800-435-7329) for the location of an authorized servicenter

For out of warranty technical support

 After the warranty has expired, please contact our Continued Services Technical Support Line at 1-900-555-PANA (1-900-555-7262) for support on a fee basis

When you ship the product

- Carefully pack your unit, preferably in the original carton
- Attach a letter, detailing the symptom or problem, to the outside of the carton
- Send the unit to an authonzed servicenter, prepaid and adequately insured
- Do not send your unit to the Panasonic Consumer Electronics Company or to any executive or regional sales offices These locations do not repair consumer products

Servicenter directory

To obtain technical support within the warranty period or product-service, please contact:1-800-HELP-FAX (1-800-435-7329), Monday-Friday 9am-8pm EST.

To obtain continued technical support after the warranty has expired, please contact: 1-900-555-PANA (1-900-555-7262) for support on a fee basis?

Web Site: www.panasonic.com (for customers in the USA or Puerto Rico ONLY) You can purchase parts, accessories or locate your nearest servicenter-by visiting our Web Site.

Factory Servicenter Locations

CALIFORNIA 6550 Katella Avenue Cypress, CA 90630

800 Dubuque Avenue S San Francisco, CA 94080

3676 Ruffin Road Suite A San Diego, CA 92123

FLORIDA 3700 North 29th Avenue Suite 102 Hollywood, FL 33020 **GEORGIA** 8655 Roswell Road Suite 100 Atlania, GA 30350

ILLINOIS 9060 Golf Road Niles, IL 60714

1703 North Randall Road Elgin, IL 60123 (Pick-up / Drop-off only)

MASSACHUSETTS 60 Glacier Drive Suite G Westwood, MA 02090

7850-12th Avenue South Airport Business Center Bloomington, MN 55425

OHIO

2236 Waycross Road Civic Center Plaza Forest Park, OH 45240

PENNSYLVANIA 2221 Cabot Blvd West Suite B Langhorne, PA 19047 TEXAS 13615 Welch Road Suite 101 Farmers Branch, TX 75244

WASHINGTON 20425-84th Avenue South Kent, WA 98032

HAWAII 99-859 Iwawa Sireet Alea, Hawaii 96701 Phone (808) 488-1996 Fax (808) 486-4369

Service in Puerto Rico

Matsushita Electric of Puerto Rico, Inc. Panasonic Sales Company / Factory_Servicenter: Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park, Carolina, Puerto Rico 00985 Phone (787) 750-4300 Fax (787) 768-2910

Technical data about this product =

Base unit			
Applicable lines:	Public Switched Telephone Network		
Document size.	Max 216 mm (6½") in width / Max 600 mm (23%") in length		
Effective scanning width	208 mm (B ³ /15")		
Effective printing width	208 mm (8%s")		
Transmission time*	Approx 9 s/page (Original mode)**		
Scanning density	Horizontal B pels/mm (203 pels/inch)		
	Vertical 3 85 lines/mm (98 lines/inch) –STANDARD		
	7 7 lines/mm (196 lines/inch) –FINE/PHOTO		
	15 4 lines/mm (392 lines/inch) -SUPER FINE		
Halftone level	64-level		
Scanner type	Contact Image Sensor (CIS)		
Printer type:	Thermal Transfer on plain paper		
Data compression system	Modified Huffman (MH), Modified READ (MR), Modified Modified READ (MMR)		
Modem speed:	14,400 / 12,000 / 9,600 / 7,200 / 4,800 / 2,400 bps, Automatic Fallback		
Operating environment	5 °C – 35 °C (41 °F – 95 °F), 20% – 80% RH (Relative Humidity)		
Dimensions (H x W ¥ D)	Approx 199 mm x 384 mm x 282 mm (7²½² * x 15½ * x 11½²*)		
Mass (Weighl)	Approx 33 kg (73 lb)		
Power consumption:	Standby Approx 7 6 W		
	Transmission Approx 22 W		
	Reception Approx 43 W (When receiving a 20% black document)		
	Copy Approx 45 W (When copying a 20% black document)		
	Maximum Approx 135 W (When copying a 100% black document)		
Power supply	120 V AC, 60 Hz		
Fax memory capacity	Approx 25 pages of memory transmission		
	Approx 28 pages of memory reception		
	(Based on the ITU-T No 1 Test Charl in standard resolution)		
Voice memory capacity***:	Approx 18 minutes of recording time including greeting messages		
■ Handset			
Operating environment [.]	5 °C – 35 °C (41 °F – 95 °F), 20% – 80% RH (Relative Humidity)		
Dimensions (H \times W \times D):	Approx 37 mm x 58 mm x 237 mm (115/32" x 29/32" x 911/32")		
Mass (Weight)			
Power supply	Ni-Cd battery (3 6 V, 850 mAh)		
Frequency	2 4015 – 2 4705 GHz (24 channels)		
Security codes.	1.000.000		
Jeculity cours.	1,000,000		

- Transmission speed depends upon the contents of the pages, resolution, telephone line conditions and capability of the other party's machine
- ** Transmission speed is based upon the ITU-T No 1 Test Chart and original mode

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

*** Recording time may be reduced by the calling party's background noise

Note:

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

ITU-T No 1 Tesl Chart



Paper specifications Recording paper size:

Letter 216 mm x 279 mm (8½" x 11") Legal 216 mm x 356 mm (8½" x 14") A4 210 mm x 297 mm (8¼" x 11"/1e")

Note:

- Do not use the following types of paper
 - Paper with a cotton and/or fiber content that is over 20%, such as letterhead paper or paper used for resumes
 - Extremely smooth or shiny paper, or paper that is highly textured
 - Coated, damaged or wrinkled paper
 - Paper with irregularities, such as tabs or staples
 - Paper which has dust, lint or oil stains
 - Paper that will melt, vaporize, discolor, scorch or emit dangerous fumes, near 200 °C (392 °F), such as vellum paper. These materials may transfer onto the fusing roller and cause damage
 - Moist paper
- Some paper only accepts print on one side. Try using the other side of the paper if you are not happy with the print quality or if miss-feeding occurs.
- For proper feeding and best print quality, we recommend using long-grained paper

39, 52, 71

- Do not use paper of different types or thickness at the same time. This may cause a paper jam
 Avoid double sided proving.
- Avoid double-sided prinking
- Do not use paper printed from this unit for double-sided printing with other copiers or printers. This may cause a paper jam
- To avoid curling, do not open paper packs until you are ready to use the paper. Store unused paper in the original packaging, in a cool and dry location.

Program index =

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Panasonic FAX ADVANTAGE PROGRAM

Free peace of mind, direct from Panasonic

NO EXTRA COST



6-month limited warranty': parts, labor, and toll-free help line²

Free replacement³ and repair program

The Panasonic Fax Advantage Consumer Service Program Panasonic knows that if your fax machine is not up and running, neither is your business. That's why we created the Panasonic Fax Advantage Program Included at no extra cost with the purchase of a new and unused Panasonic Fax Machine, the Fax Advantage Program can provide a free replacement unit³ if your original unit is in need of repair

Here's how it works

- 1 If you have a problem with your fax that you purchased new and unused while it is covered by the period of limited warranty¹, call our toll-free help-line at 1-800-HELP-FAX²
- 2 Talk to one of our technical experts to diagnose your problem over the phone
- 3 If repairs are necessary and you are entitled to service under the terms and conditions of the limited warranty4, we will send a returbished replacement unit to you by UPS Ground service delivery The shipping method is upgradable for an extra charge

A second option available under our limited warranty is to mail-in or carry in your fax to one of our Regional Service centers, where the unit will be repaired and returned to you

Instructions

If you choose to receive a replacement unit under the Fax Advantage Program, Panasonic will provide a replacement unit which will be completely refurbished, quality tested by Panasonic technicians and individually hand inspected before it is shipped to you. You will keep the replacement unit and send the original unit to us in the replacement unit's box UPS will pick up the unit at no charge to you, should it be determined that you are entitled to warranty service A proof of purchase Figure 1 and the returned product Any unit that is replaced by Panasonic and not shipped with proper proof-of purchase by you will be subject to a minimum \$100,00 charge. The original unit must be properly packaged in the same manner as the replacement unit, utilizing the packing materials provided. Damage due to improper or

inadequate packing will be charged to you as an out of-warranty cost. If our 1-800 HELP FAX technicians determine that your unit may be an "out-of box failure"s, we will attempt to provide you with a factory new replacement units. You must ship a copy of your receipt with your original unit to verify that you purchased the unit within 10 days prior to your 1-800-HELP FAX call

Requirements

You must give our technicians a valid credit card number (Discover, VISA, Master Card, or American Express/Optima) Product that is not returned to Panasonic by 10 business days after shipment of the replacement product will be charged to your credit card account at Panasonic's Suggested Retail Price (see dealer for details). If your orginal unit is not eligible for warranty service, your card will be charged for the non-warranty repair of the unit at Panasonic's current rate for parts and labor and for any shipping charges associated with this program. If you do not wish to pay out of warranty repair costs, you will be responsible for returning the replacement unit to Panasonic and for paying all shipping charges associated with this program including the UPS delivery of the replacement product to you, shipment of the problem unit to Panasonic, shipment of the replacement unit back to Panasonic and the return of your original unit back to you. Credit status will be verified prior to sending the replacement product

- See dealer for limited warranty details Aher the /ax advantage program contact our Continued Services Technical Support Line at 1 900-555-PANA (1 900-555-7262) for fee based technical support ż
- 3 Replacement unit is refurbished
- A Replacement or to the initial series
 A Replacement program is only available in the 50 United States and is subject to
 lemination at any time without advance notice
 Out of box failurer's an inoperable unit that was purchased no more than 10 days
 pror to your 1 800-HELP FAX call, and would otherwise quality for warranty service
- under the terms and conditions of the limited warranty
- 6 Panasonic reserves the right to send a refurbished unit

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