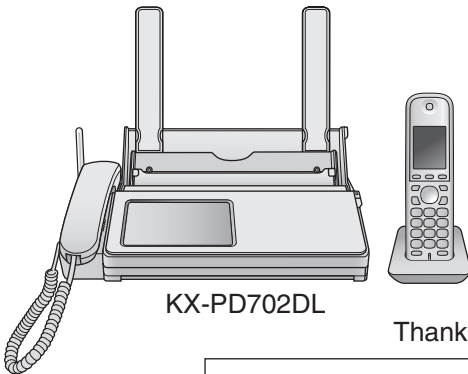


Facsimile

Quick Reference Guide



KX-PD702DL

Model No. **KX-PD702DL**
KX-PD702DW

Main unit: KX-PD702
Portable handset: KX-FKD503

Thank you for purchasing a Panasonic product.

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Specifications	Back cover

- This guide explains some basic features and operations, but not all of them. For further details, see the Japanese operating instructions.
- This product is designed for use in Japan.
Panasonic cannot provide service for this product if used outside Japan.
- KX-PD702DL includes 1 portable handset and 1 main unit.
KX-PD702DW includes 2 portable handsets and 1 main unit.
- Any details given in this guide are subject to change without notice.

This unit is equipped with the voice guide features. (Japanese only)

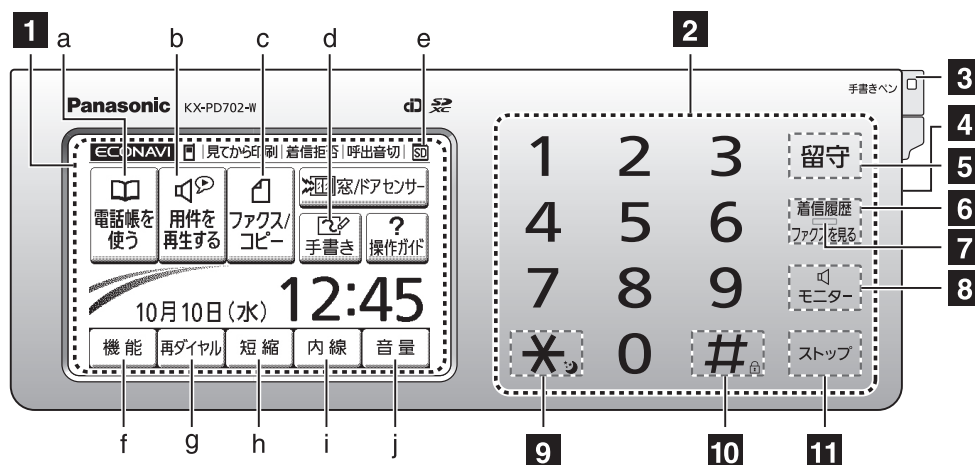
Cancel the voice guide features after installations and connections.

This guide explains the procedures without the voice guide.

For details about voice guide, please see page 12.

Finding the controls

Main unit



1 Liquid crystal display (LCD)/Touch panel can be operated by touching it. (See page 3)

● a-j refer to the touch buttons.

- a. Phonebook
- b. Playback
- c. Fax/Copy
- d. Handwriting
- e. SD indicator
- f. Function
- g. Redial
- h. Speed dialer
- i. Intercom
- j. Volume

- The display turns off after about 2 minutes of inactivity.
- To turn on the display, touch the panel.

2 Touch pad buttons can be operated by touching them with your finger. (See below)

- You cannot use the stylus pen.

3 Stylus pen

4 SD Memory Card slot (See page 28)

5 Auto Answer button & indicator
 — light on: answering device activated.
 — light off: used as a regular telephone.

6 Caller ID Log/Fax List button starts a search in
 — the Number Display (Caller ID) log.
 — the fax list stored in memory.

7 Caller ID Log/Fax List indicator lights when
 — a call was missed. (For Number Display service users.)
 — a fax was stored in memory.

8 Monitor button

9 Tone button switches to tone dialing.
Night mode button

10 Sharp button
Key lock button can lock the main unit so that no calls or settings can be made. To turn key lock on, touch this button for about 3 seconds until a single beep is heard.
 ● To turn key lock off, touch this button for about 3 seconds.

11 Stop button

■ To adjust the volume

● To adjust the **ringer volume** when the unit is on standby

Touch **音量** (Volume) ▶ Touch **呼出音量** (Ringer Volume) ▶ Touch **大** (High) or **小** (Low) repeatedly ▶ Touch **決定** (Set)

● To adjust the **receiver volume** while talking, touch **大** (High) or **小** (Low) repeatedly.

● To adjust the **speaker volume** while listening to the recorded messages or using the monitor, touch **大** (High) or **小** (Low) repeatedly.

■ To use the touch pad buttons

● You can use the stylus pen only in the liquid crystal display area. Do not use the stylus pen to touch the touch pad buttons because the buttons will not respond.

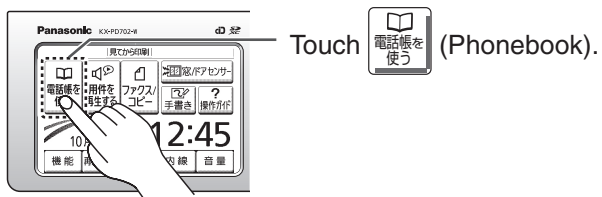
Example : To dial numbers



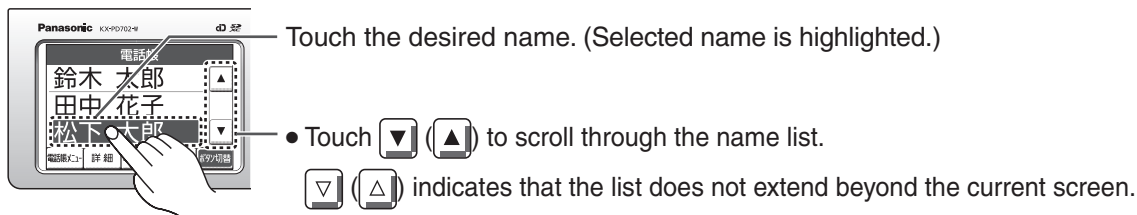
Finding the controls

■ To use the touch panel

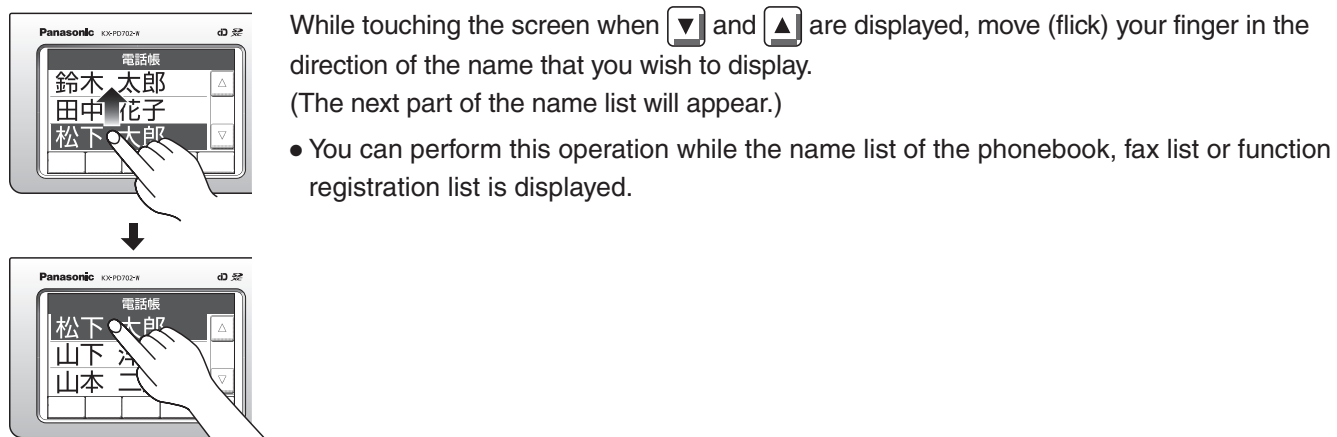
Example: To use the phonebook



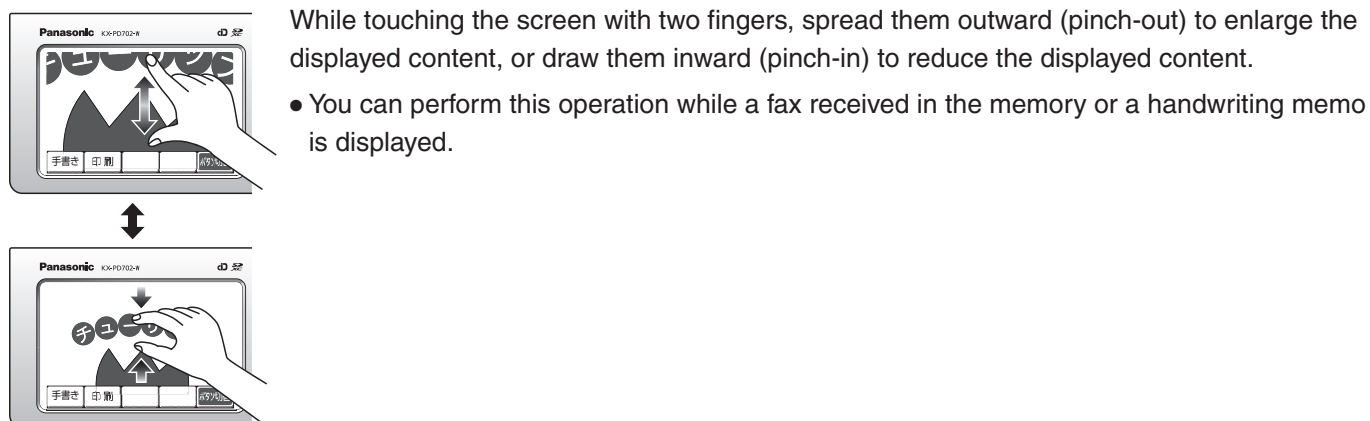
Example: To select a name from the phonebook



Example: To display the next part of the name list of the phonebook

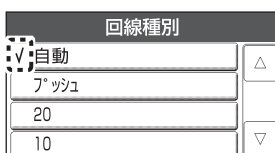


Example: To enlarge or reduce the size of a fax image received in the memory



● “√” refers to the current setting.











Example: Setting the dialing mode



Finding the controls

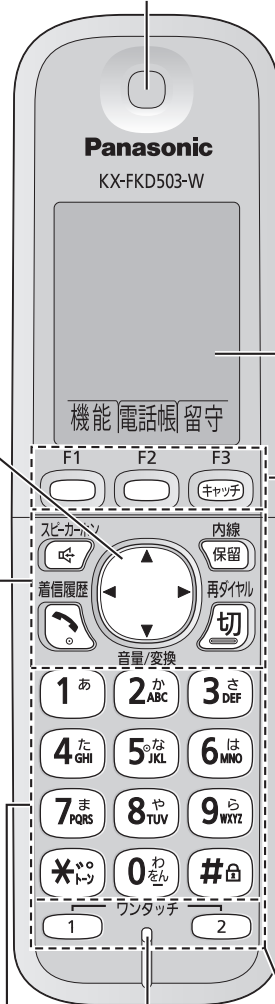
Portable handset (KX-FKD503)

How to use key

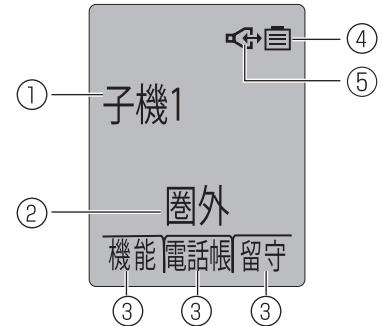
-  ● To redial the telephone numbers in the redial list. The last 10 telephone numbers dialed are stored in memory.
-  ● To start a search in the Number Display log. (For Number Display service users.)
-  ● To change Hiragana to Kanji.
- To adjust the volume.
 - To adjust the ringer volume when the portable handset is on standby, press  (Select “呼出音量”) →  →  (press repeatedly) →  or .
 - To adjust the receiver volume while talking, press  repeatedly.
 - To adjust the speaker volume while listening to the recorded messages or using the speakerphone, press  repeatedly.




Earpiece

When talking on the telephone, ensure that the earpiece is at the position of your ear.







Liquid crystal display



- ① Portable handset number and name
- ② No link to the main unit
- ③ Function menu that is controlled by ,  or 
- ④ Battery strength
- ⑤ When using the speakerphone


How to use buttons

- ,  and  buttons refer to the function displayed on the bottom of the display. They function differently depending on the mode.
- To answer a second call on the other call, press . (For call waiting service users.)

スピーカホン

-  ● To use the speakerphone.

内線

-  ● To put a call on hold.
- To page the main unit and/or portable handset(s).



- To make/answer calls.



- To end a call.
- To end or exit from editing or other operations.

Microphone

Do not cover the microphone while talking.



- To make a voice call using One-touch dialer.

Dial buttons



- Tone button
- To switch to tone dialing.

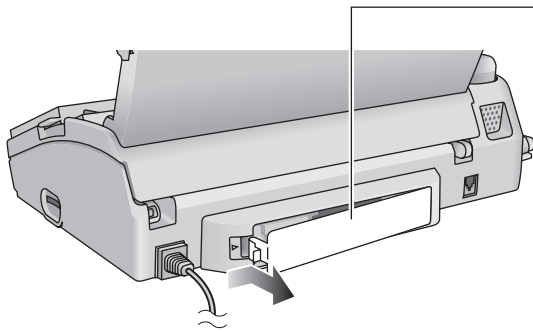


- Sharp button
- Key lock button

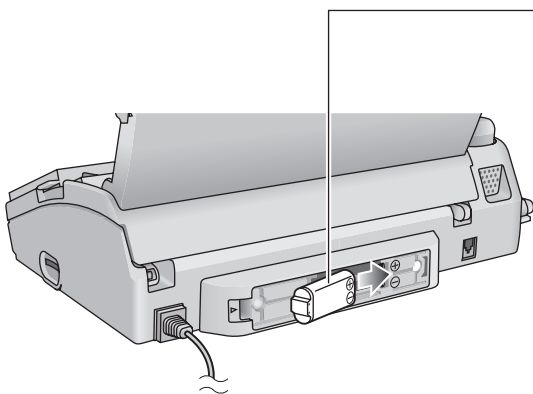
- To lock the portable handset so that no calls or settings can be made. To turn key lock on, press this button for about 3 seconds until a single beep is heard.
- To turn key lock off, press this button for about 3 seconds until a single beep is heard.

Inserting the battery into the main unit

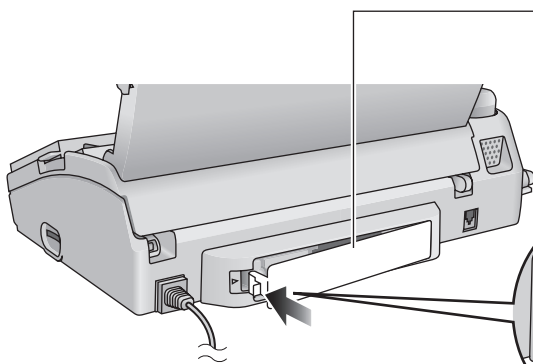
By using the battery, you can make or receive calls from the main unit or the portable handset in the event of a power failure. (When using the portable handset, it is necessary to make settings.) (See “Making or receiving a call during a power failure (Simplified power failure voice call)” on page 30.)



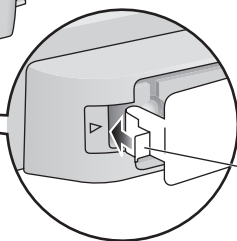
- 1** Open the battery cover.
 - Pull the battery cover toward you while retaining the lever in the direction of the arrow.



- 2** Insert the battery into the compartment.
 - The battery is the same as the battery in the portable handset.
 - Do not remove the orange vinyl film.



- 3** Close the battery cover.

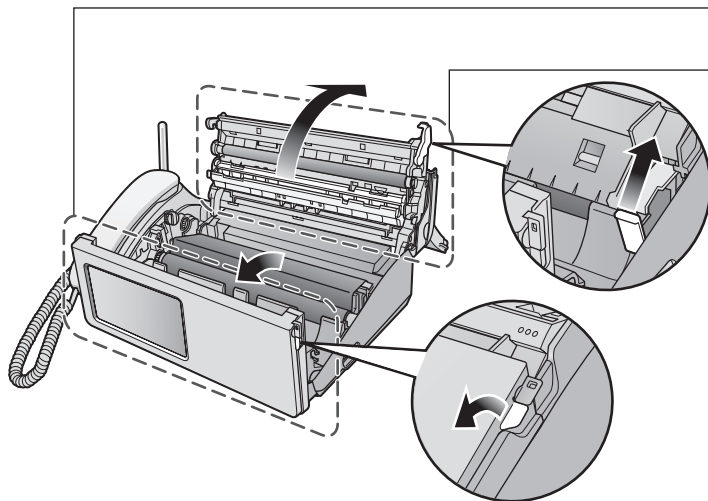


Close the cover by pushing this part in the direction of the arrow.

- The charging time for the battery of the main unit is about 10 hours.

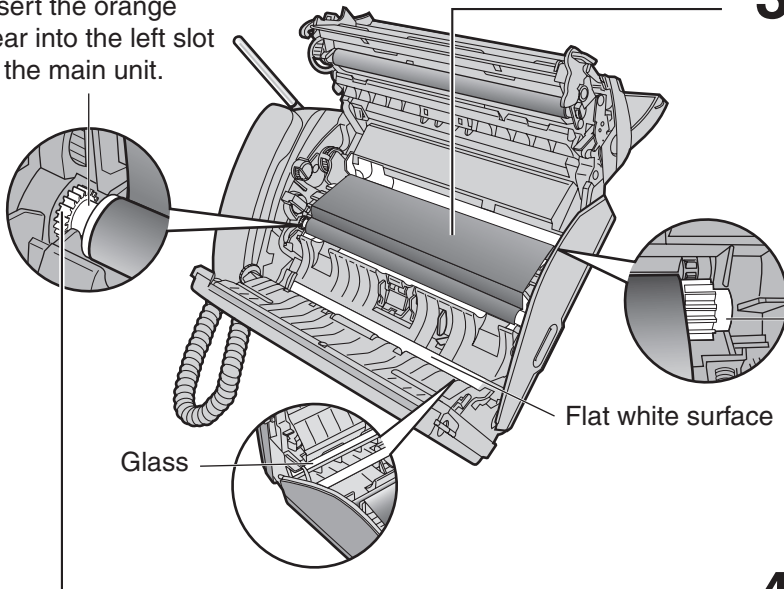
Installations and connections

Installing the ink film



- 1** Open the control panel.
- 2** Pull up the green lever and open the back cover.

Insert the orange gear into the left slot of the main unit.



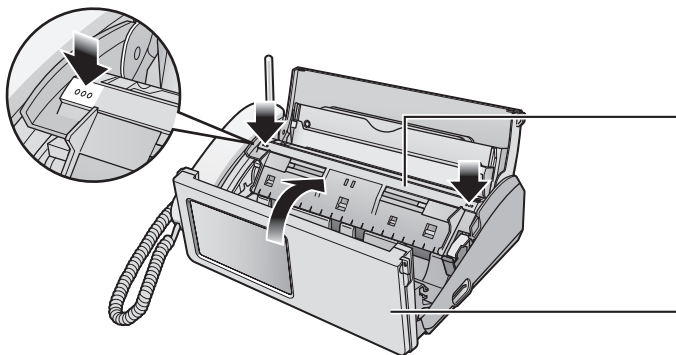
- 3** Insert the ink film.
 - Do not place the ink film on the back side of the control panel. Any ink adhering to the glass or flat white surface may cause black or white lines to appear on the recording paper or the recipient's fax.

Insert the white gear into the right slot of the main unit.

Glass

Flat white surface

- 4** If the ink film is slack, tighten it by winding this gear (orange).



- 5** Close the back cover pressing "ooo" down on both sides until it clicks into place.
- 6** Close the control panel.

• When the unit runs out of the ink film, the following message will be displayed.

インクフィルムの交換が必要です U23



販売店にてお買い求めください
(インクフィルム品番 :KX-FAN190)

Install a new ink film.

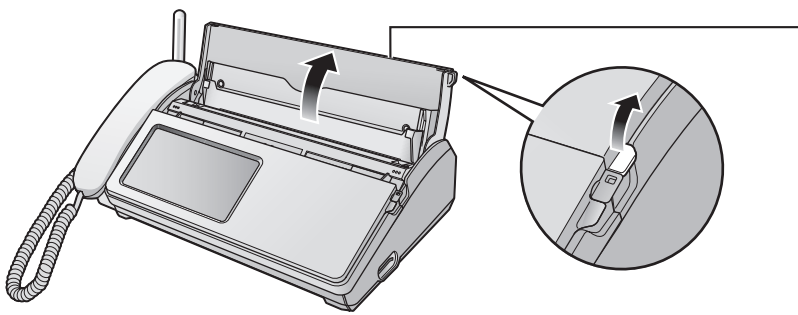
Replacement ink film:	
KX-FAN190 (15 m)	¥ 714
KX-FAN190W (15 m x 2)	¥ 1,208
KX-FAN191 (15 m)*1	¥ 893
KX-FAN191W (15 m x 2)*1	¥ 1,523

*1 KX-FAN191/KX-FAN191W leaves a fainter print trail on the film than KX-FAN190/KX-FAN190W does.

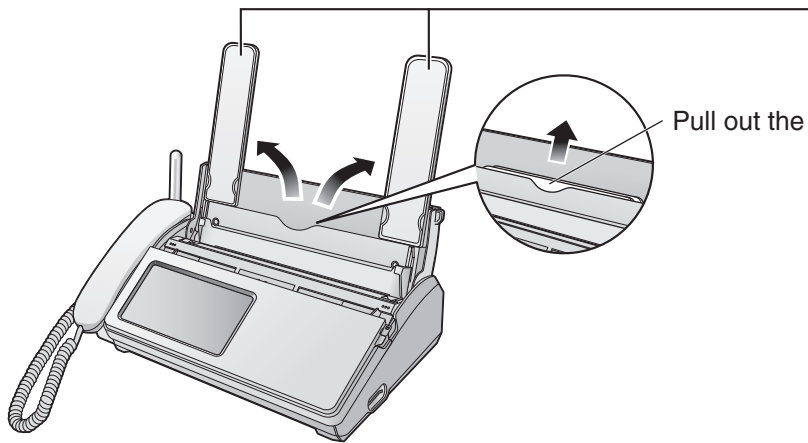
• As of November 2012 • Tax included

Installations and connections

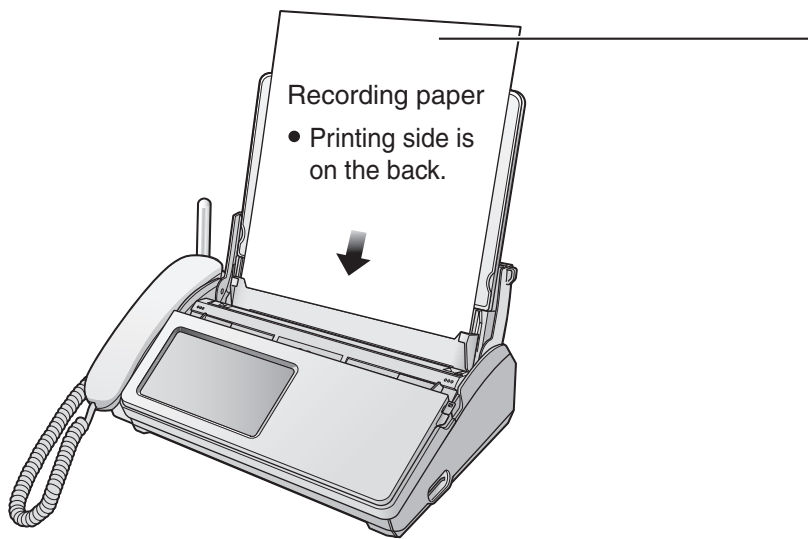
Installing recording paper (A4 size)



1 Open the recording paper tray.

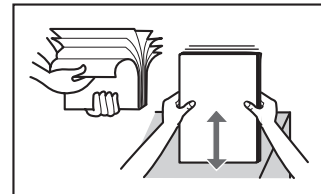


2 Set up the recording paper stands.



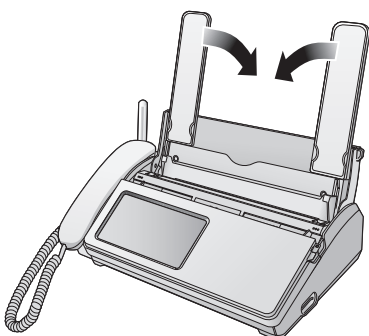
3 Insert the recording paper into the recording paper tray. (Up to 15 sheets)

- Fan the stack of recording paper.

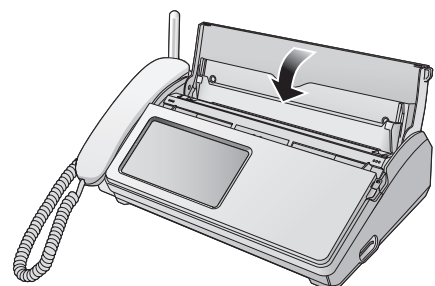


Folding the recording paper tray

① Remove the recording paper and fold the recording paper stands in.

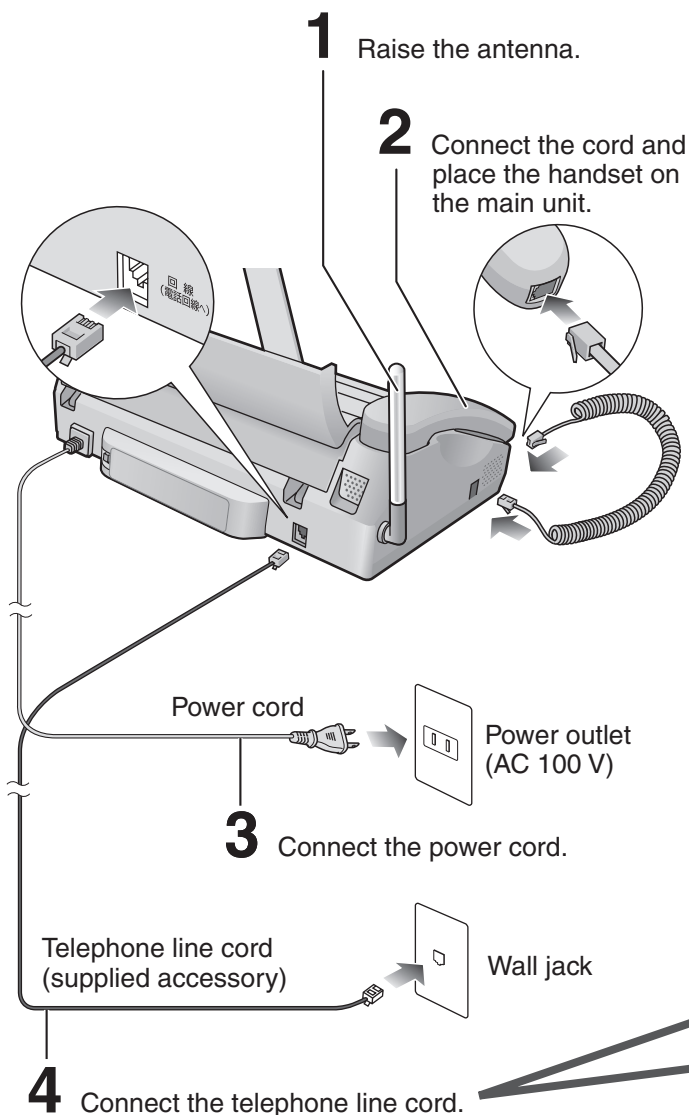


② Close the recording paper tray.



Installations and connections

Connecting the main unit



After the Connecting...

- This unit will automatically select the dialing mode (Pulse/Tone).
- When the following is displayed, touch **機能** (Function) to set the date and time.

日付・時刻を設定するには
[機能] 押す

- Enter the correct year/month/day.

Example: October 1, 2012

Touch **1** **2** **1** **0** **0** **1**.

日付時刻					
◀ 2012年10月01日00:00 ▶					
1	2	3	4	5	
6	7	8	9	0	

- Enter the correct hour/minute in a 24-hour clock entry.

Example: 15:45 (3:45 PM)

Touch **1** **5** **4** **5**.

日付時刻					
◀ 2012年10月01日15:45 ▶					
1	2	3	4	5	
6	7	8	9	0	

- Touch **決定** (Set).

- When the following is displayed, touch **ストップ** (Stop) twice.

携帯電話にかけるとき
電話会社の
通話料金割引サービス
利用しますか?

↓ If you cannot make a call...

Set the dialing mode with the main unit.

- Touch **機能** (Function).
- Touch **#** **0** **7** **9**.
- Touch one of the following to select the desired setting.

回線種別	
√ 自動	△
フッシュ	
20	
10	▽

- 自動: Auto (Default)
- フッシュ: Tone
- 20: Pulse (20 PPS)
- 10: Pulse (10 PPS)


- If you have selected “フッシュ”, “20” or “10”, touch **ストップ** (Stop).

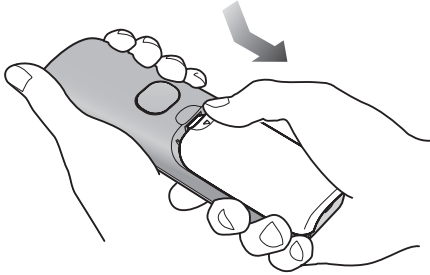
■ To adjust the date and time

- Touch **機能** (Function), then touch **#** **0** **0** **1**.
- Enter the correct year/month/day/hour/minute.
- Touch **決定** (Set), then touch **ストップ** (Stop).

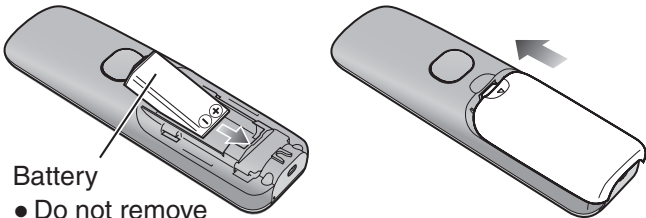
Installations and connections

Setting up the portable handset (KX-FKD503)

- 1** Press  on the battery cover and slide the cover off.



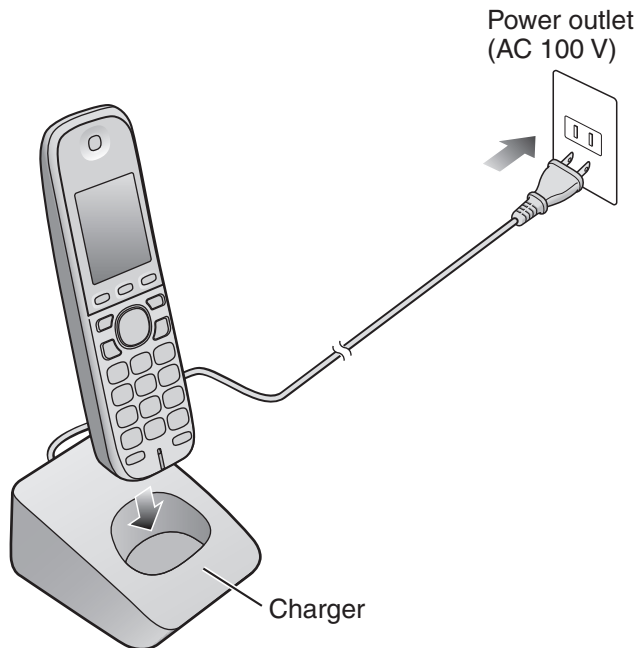
- 2** Insert the battery into the compartment and close the battery cover.



Battery

- Do not remove the orange vinyl film.

- 3** Connect the charger to the power outlet, then place the portable handset on the charger for about **10 hours**.





Charger

- After your Panasonic battery is fully charged, it will last up to about 5 hours of conversation.

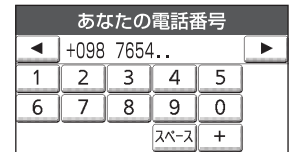
Setting your fax telephone number to the main unit



- 1** Touch  (Function).

- 2** Touch    .

- 3** Touch   to enter your fax telephone number, up to 20 digits.

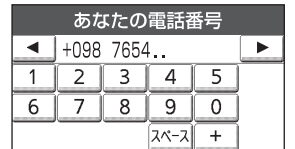
Example: +098 7654..



- The  (Space) button replaces the digit with a space.
- To correct a mistake, touch  (Erase).

- 4** Touch  (Set).

登録しました



- 5** Touch  (Stop).

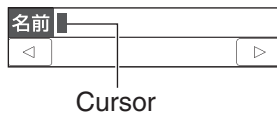
Setting your logo to the main unit

1 Touch **機能** (Function).

2 Touch **# 0 0 2**.

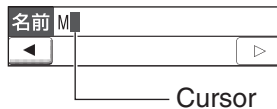
3 Enter your logo, up to 30 characters, using the touch panel.

- To enter Alphabets, touch **入力切替** (Character input mode), then touch **英字** (Alphabets).
- Detailed instructions are given on the right.



Example: Micah

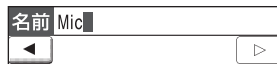
1. Touch **M**.



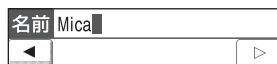
2. Touch **小文字** (Lower case), then touch **i**.



3. Touch **c**.



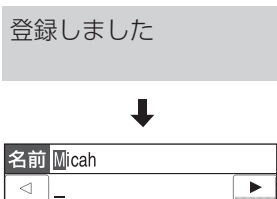
4. Touch **a**.



5. Touch **h**.



4 Touch **決定** (Set).

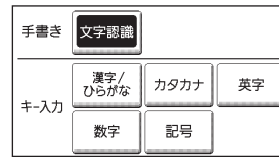


5 Touch **ストップ** (Stop).

Character input mode for the main unit

To change the character input mode, touch **入力切替** (Character input mode).

- In the following “キー入力” (key entry) modes, you can enter the characters by touching the touch panel.



漢字/ひらがな : Hiragana

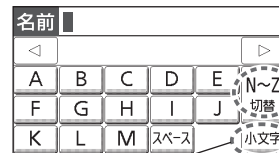
カタカナ : Katakana

英字 : Alphabets

数字 : Numbers

記号 : Symbols

Alphabet input mode



To enter N-Z/A-M, touch

N~Z 切替 (Change to N-Z)/

A~M 切替 (Change to A-M).

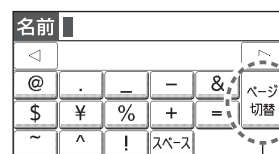
- To enter lower case letters,

touch **n~z 切替** (Change to n-z)/

a~m 切替 (Change to a-m).

To enter lower case/upper case letters, touch **小文字** (Lower case)/ **大文字** (Upper case).

Symbols input mode



There are 3 pages of different symbols.





To enter a different symbol, touch **ページ切替** (Next page).

Character (Symbols)												
@	.	_	-	&	\$	¥	%	+	=	~	^	!
?	/	-	*	#	,	:		.	'	"	(
)	[]	{	}	<	>	「	」	,	。	。°	

- The characters on the display are somewhat different from those shown in the character list.
- To move the cursor to the left and right, touch **◀ ▶**.
- To delete a character, touch **消去** (Erase); to delete the character on the cursor and one(s) to its right, touch **消去** (Erase) for 2 seconds or more.
- To insert a space, touch **スペース** (Space).

Character input and command key table for the portable handset

Pressing the dial keys will select a character as shown below.



Character	Hiragana	Katakana	Alphabets	Numbers
Display of the portable handset Dial key	[漢]	[加]	[英]	[数]
(Portable handset) KX-FKD503				
1 あ	あいうえお あいうえお	アイウエオ アイウエオ	@ . _ - & \$ ¥ % + = ~ ^	1
2 か	かきくけこ	カキクケコ	A B C a b c	2
3 さ	さしすせそ	サシスセソ	D E F d e f	3
4 た	たちつてとっ	タチツテトツ	G H I g h i	4
5 な	なにぬねの	ナニヌネノ	J K L j k l	5
6 は	はひふへほ	ハヒフヘホ	M N O m n o	6
7 ま	まみむめも	マミムメモ	P Q R S p q r s	7
8 や	やゆよやゆよ	ヤユヨヤユヨ	T U V t u v	8
9 ら	らりるれろ	ラリルレロ	W X Y Z w x y z	9
0 わ	わをんー	ワヲンー	! ? / - * # , ; : . ' " () [] { } < > 「 」	0
* 0	ゝ っ っ っ		、 。	
Command keys	F1  Used to change the character input mode.			
	 Used to move the cursor to the left and right.			
	F3  Used to delete a character. To delete the character on the cursor and one(s) to its right, press this button for 2 seconds or more.			
	 Used to insert a space.			

- The characters on the display are somewhat different from those shown in the character input and command key table.

Voice guide

Operation guide

The unit starts the following voice guidance in Japanese:

Operations	To cancel the operation guide (using the main unit)
Send a fax	
Copy	
Add entries to the phonebook	
Store phonebook entries in the speed dialer	
Make a call using the phonebook/redial/speed dialer/caller ID log	
Change the ink film	The operation guide for changing the ink film cannot be prevented from starting.

Reading-out dial

The unit announces the dialed number in Japanese.

• To cancel the reading-out dial



Reading-out phonebook

The unit reads out stored names* when the phonebook is searched.

• To cancel the reading-out phonebook



Incoming name announcement (for Number Display service subscribers only)

The unit announces the caller's name* when a call is received from a caller whose name and telephone number are stored in the phonebook.


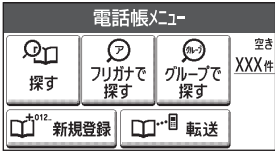




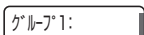



• To cancel the incoming name announcement





* Names will only be read out when their “フリガナ” (readings) are stored in katakana in the phonebook. Alphabets, numbers and symbols in “フリガナ” are not read out.

Automatic dialing on the main unit










Storing names and telephone numbers in the phonebook

- 1 Touch  (Phonebook).
 - “XXX” shows the number of remaining stations numbers you can store.
 - You can store up to 150 stations, including 4 pre-stored stations.
- 2 Touch  (Register).
- 3 Enter the name, up to 20 characters (see “Character input mode for the main unit” on page 10 for instructions).
- 4 Touch  (Set) twice.
- 5 Enter the telephone number, up to 24 digits.
 - To correct a mistake, touch  (Erase).
- 6 Touch  (Set).
- 7 Select the group number [ (Group 1) to  (Group 9)].
- 8 Touch  (Set).
 - To store other items, repeat steps 3 to 8.
- 9 Touch  (Stop) to exit.

Making a voice call using the phonebook

- 1 Touch  (Phonebook), then touch  (Search).
- 2 Select the desired name.
- 3 Lift the handset.

Editing a stored name or number in the phonebook

- 1 Touch  (Phonebook), then touch  (Search).
- 2 Select the desired name.
- 3 Touch  (More buttons), then touch  (Edit).
- 4 Edit the name (see “Character input mode for the main unit” on page 10 for instructions).
 - If you do not need to edit the name, skip to step 5.
- 5 Touch  (Set).
- 6 Edit the reading.
 - If you do not need to edit the reading, skip to step 7.
- 7 Touch  (Set).
- 8 Edit the telephone number.
 - If you do not need to edit the telephone number, skip to step 9.
- 9 Touch  (Set).
- 10 Select the group number.
 - If you do not need to change the group number, skip to step 11.
- 11 Touch  (Set).
- 12 Touch  (Stop).

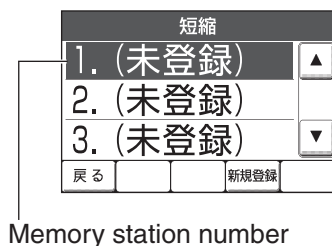
Automatic dialing on the main unit

Storing names and telephone numbers in the speed dialer

You can store up to 9 names and telephone numbers which are stored in the phonebook. The dialing buttons (1 to 9) function as memory stations.

- 1 Touch **短縮** (Speed dialer).
- 2 Select the memory station by touching the touch panel.

Example: Speed dialer 1



- 3 Touch **新規登録** (Register).
- 4 Select the desired name.
- 5 Touch **登録** (Set).
 - To store other items, repeat steps 2 to 5.
- 6 Touch **ストップ** (Stop) to exit.

Making a voice call using the speed dialer

- 1 Touch **短縮** (Speed dialer).
- 2 Select the memory station by touching the touch panel.
- 3 Lift the handset.

Changing a stored name and number in the speed dialer

- 1 Touch **短縮** (Speed dialer).
- 2 Select the memory station by touching the touch panel.
- 3 Touch **変更** (Change).
- 4 Select the desired name.
- 5 Touch **登録** (Set).
- 6 Touch **ストップ** (Stop) to exit.

Erasing a stored name and number in the speed dialer

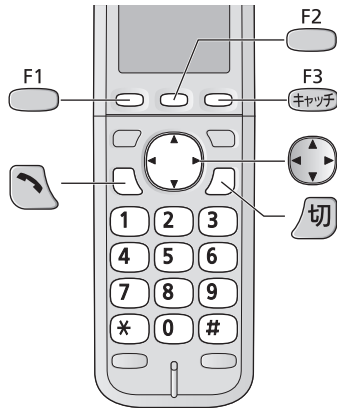
- 1 Touch **短縮** (Speed dialer).
- 2 Select the memory station by touching the touch panel.
- 3 Touch **消去** (Erase), then touch **はい** (Yes).
- 4 Touch **ストップ** (Stop) to exit.

Recording a telephone conversation on the main unit

- 1 While talking, touch **通話録音** (Record) then touch **通話を録音する** (Record the voice).
- 2 Touch **いいえ** (Cancel the precaution voice message) and the recording starts.
- 3 Touch **ストップ** (Stop) to end the recording.

Automatic dialing on the portable handset (KX-FKD503)

Storing names and telephone numbers in the phonebook



1 Press F2.

2 Press F1.

- “XXX” shows the number of remaining stations you can store.
- You can store up to 150 stations, including 4 pre-stored stations.

3 Enter the name, up to 20 characters (see the table on page 11 for instructions).

4 Press F2 twice.

5 Enter the telephone number, up to 24 digits.

- To correct a mistake, press F3.

6 Press F2.

7 Press (Search button) to select a group.

8 Press F2.

- To store other items, repeat steps 3 to 8.

9 Press (Off) to exit.

一覧で探す
フリガナで探す
グループで探す

名前?
空き XXX件

Making a voice call using the phonebook

1 Press F2.

2 Press (Search button) repeatedly until “一覧で探す” is displayed.

3 Press F2.

4 Press (Search button) repeatedly until the desired name is displayed.

5 Press (Talk).

Editing a stored name or number in the phonebook

1 Press F2.

2 Press (Search button) repeatedly until “一覧で探す” is displayed.

3 Press F2.

4 Press (Search button) repeatedly until the desired name is displayed.

5 Press F2.

6 Edit the name (see the table on page 11 for instructions).

- If you do not need to edit the name, skip to step 7.

7 Press F2.

8 Edit the reading.

- If you do not need to edit the reading, skip to step 9.

9 Press F2.

10 Enter the correct telephone number.

- If you do not need to edit the telephone number, skip to step 11.

11 Press F2.

12 Press (Search button) to select a group.

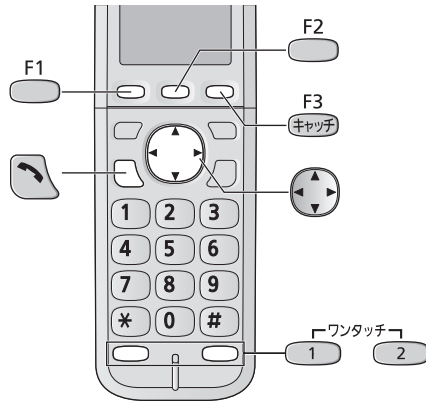
13 Press F2.

14 Press (Off) to exit.

Automatic dialing on the portable handset (KX-FKD503)

Storing names and telephone numbers in the one-touch dialer

You can store up to 2 phonebook entries as the one-touch dialer.



- 1 Press **F1**.
- 2 Press the one-touch dial button (**ワンタッチ** 1 or **ワンタッチ** 2).

Example: One-touch dial button 1

1. 未登録
登録は[登録]
押す

- 3 Press **F2**.
- 4 Press **Search** (Search button) repeatedly until “一覧で探す” is displayed.
- 5 Press **F2**.
- 6 Press **Search** (Search button) to select the desired name from the phonebook.
 - To check the registered items in the phonebook entry, press **F1** → **Search** (Search button) repeatedly to view the name/telephone number/group.
(To exit, press **F1**.)
- 7 Press **F2**.

Making a voice call using the one-touch dialer

- 1 Press **Call**.
- 2 Press the one-touch dial button (**ワンタッチ** 1 or **ワンタッチ** 2).
 - You can also make a call by pressing the one-touch dial button first.

Erasing a stored name and number in the one-touch dialer

- 1 Press **F1**.
- 2 Press the one-touch dial button (**ワンタッチ** 1 or **ワンタッチ** 2).
 - To check the telephone number, press **F1**.
- 3 Press **F3** (キャッチ).
- 4 Press **F1**.

Recording a telephone conversation on the portable handset (KX-FKD503)

- 1 While talking, press **F1**.
- 2 Press **Search** (Search button) repeatedly until “通話録音” is displayed, then press **F2**.
- 3 Press **Search** (Search button) repeatedly until “しない” is displayed, then press **F2** and the recording starts.

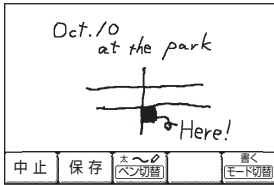
- 4 ■ To end the recording
 - ① Press **F1**.
 - ② Press **Search** (Search button) repeatedly until “録音中止” is displayed, then press **F2**.

Writing on the touch panel while talking

1 While talking, touch  (Handwriting memo).

2 Touch  (Write).

3 Write on the touch panel with the stylus pen.

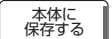




4 Touch  (Save).

5 Touch  (Yes).

6 Enter the name, up to 17 characters (see “Character input mode for the main unit” on page 10 for instructions).

7 Touch  (Set).

8 Touch  (Save to main unit) or  (Save to SD Card).

9 Touch  (Stop).

How to write on the touch panel

While using the stylus pen, be sure not to touch the touch panel except with the stylus pen.

(You can use the stylus pen only in the touch panel area.)

• Correct




• Incorrect

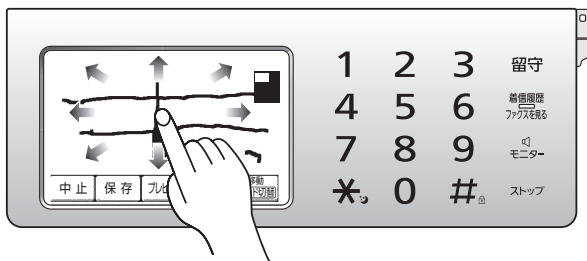


You cannot write when something else has already touched the surface before you write with the stylus pen.

Information about display


■ To scroll display contents

- ① Touch  (Write/Change mode).
- ② Touch the touch panel and slide your finger in the desired direction to scroll.








- ③ Touch  (Move/Change mode) to end scroll.

■ To switch pen/eraser

(While  (Write/Change mode) is displayed)

Touch “ペン切替” (Switch Pen/Eraser), then select one of the following.

-  (Thick)
-  (Fine)
-  (Large eraser)
-  (Small eraser)
-  (To rewrite)

■ To view the entire image

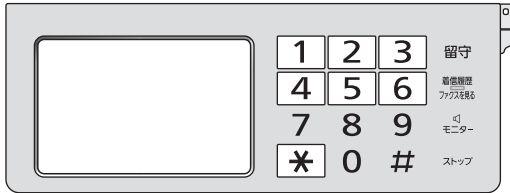
(While  (Move/Change mode) is displayed)

Touch  (Preview).

Intercom

An intercom is available between the portable handsets or between the main unit and portable handset(s).

Using the main unit:



1 ■ For single portable handset users

- ① Touch **内線** (Intercom).

子機1

- ② Lift the handset.

■ For multiple portable handsets users

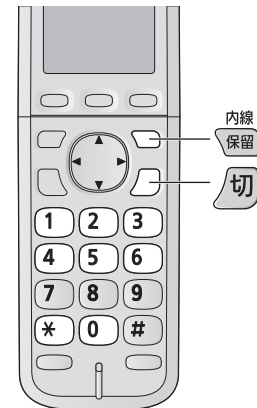
- ① Touch **内線** (Intercom).
- ② Call the portable handsets in the following ways:
 - To call a specific portable handset, touch the portable handset number (**1** to **6**) which you want to call.
 - To call all the portable handsets, touch *****.
- ③ Lift the handset.

2 Start talking.

内線通話中

3 To end the intercom call, place the handset on the main unit.

Using the portable handset (KX-FKD503):



1 ■ For single portable handset users

- Press **内線保留** (Intercom).

■ For multiple portable handsets users

- ① Press **内線保留** (Intercom).
- ② Call the main unit and/or portable handset(s) in the following ways:
 - To call a specific portable handset, press the portable handset number (**1** to **6**) which you want to call.
 - To call the main unit, press **0**.
 - To call the main unit and all the portable handsets, press *****.

2 Start talking.

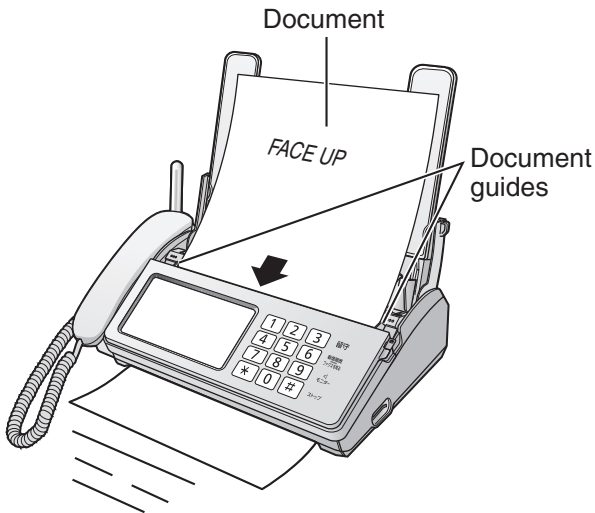
内線通話中

3 Press **切** (Off) to end the intercom call.

Sending faxes

Cancel the voice guide features before sending a fax. (See page 12)

Sending a fax manually



- 1 Open the recording paper tray, and adjust the width of the document guides (blue) to the size of the document.
- 2 Insert the document (up to 5 pages) FACE UP until a single beep is heard.
- 3 If necessary, touch **画質** (Resolution) repeatedly to select the desired resolution (see below).
- 4 Dial the fax number.
- 5 Touch **ファクス** (Fax).
 - The unit will start fax transmission.

Sending a fax using automatic dialing

Using the phonebook

- 1 Insert the document (up to 5 pages) FACE UP until a single beep is heard.
- 2 When the display returns to the standby screen after 5 seconds, touch **電話帳を使う** (Phonebook), **探す** (Search).
- 3 Select the desired name.
- 4 Touch **ファクス** (Fax).
 - The unit will start fax transmission.

Using the speed dialer

- 1 Insert the document (up to 5 pages) FACE UP until a single beep is heard.
- 2 When the display returns to the standby screen after 5 seconds, touch **短縮** (Speed dialer).
- 3 Select the memory station by touching the touch panel.
- 4 Touch **ファクス** (Fax).
 - The unit will start fax transmission.

To select the resolution

Select the desired resolution according to the type of document, by touching **画質** (Resolution) repeatedly.

- | | |
|---------|---|
| 画質=ふつう字 | (Standard) for printed or typewritten originals with normal-sized characters. |
| 画質=小さい字 | (Fine) for originals with minute printing. |
| 画質=写真 | (Photo) for originals containing photographs. |

Copying documents

Cancel the voice guide features before copying a document. (See page 12)

- 1 Install the recording paper (see page 7).
- 2 Insert the document (up to 5 pages) FACE UP until a single beep is heard.
 - If necessary, before the display changes, touch **画質** (Resolution) repeatedly to select the desired resolution (see above).
- 3 When the display returns to the standby screen after 5 seconds, touch **ファクス/コピー** (Fax/Copy).
- 4 Touch **コピーをする** (Copy).
 - The unit will start copying.




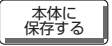


Sending a memo written on the touch panel

You can send or save a memo written on the touch panel.







Writing on the touch panel

- 1 Touch  (Handwriting).
- 2 Touch  (New).
- 3 Touch  (Write).
- 4 Write on the touch panel with the stylus pen.














- 5 Touch  (Save).
- 6 Touch  (Yes).
- 7 Enter the name, up to 17 characters (see “Character input mode for the main unit” on page 10 for instructions).
- 8 Touch  (Set).
- 9 Touch  (Save to main unit) or  (Save to SD Card).
- 10 Touch  (Stop).

Sending/viewing a memo

- 1 Touch  (Handwriting).
- 2 Touch  (Handwriting list in the main unit memory).
- 3 Select a memo.
- 4 ■ **To send the memo**
 - ① Touch  (Send a fax).
 - ② Dial the fax number.
 - ③ Touch  (Fax).
 - The unit will start fax transmission.**■ To view the memo**
 - ① Touch  (Display).
 - ② To stop viewing the memo, touch  (Stop).

Deleting/printing a memo/saving a memo to the SD Memory Card

- 1 Touch  (Handwriting).
- 2 Touch  (Handwriting list in the main unit memory).
- 3 Select a memo.
- 4 Touch  (More buttons).
- 5 ■ To delete the memo, touch  (Erase), then touch  (Yes).
 - To print the memo, touch  (Print).
 - If you want to delete the memo, touch  (Yes).
 - If you want to save the memo, touch  (No).
 - To save the memo to the SD Memory Card, touch  (Save to SD Card), then touch  (Yes).
- 6 Touch  (Stop).

Receiving faxes

You can select beforehand whether to receive faxes by “Receive in memory” or “Receive on recording paper”.

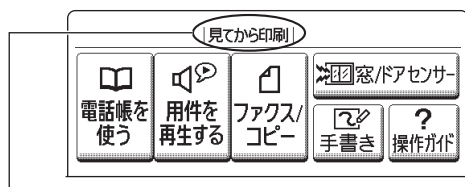
Receive in memory : The received fax will be stored in the main unit fax memory or the SD Memory Card. You can check the contents on the display, then print them if necessary.
(Default setting)

Receive on recording paper : The received fax will be printed on recording paper.

Setting/canceling “Receive in memory”

Touch **機能** (Function), **見てから印刷入切** (Receive in memory), then **はい** (Yes).

(Changes each time they are touched.)

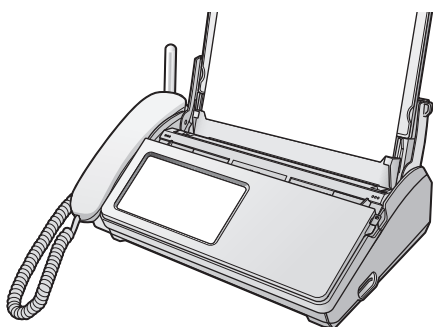


見てから印刷: Receive in memory

Blank: Receive on recording paper

Receiving a fax manually (AUTO ANSWER off)

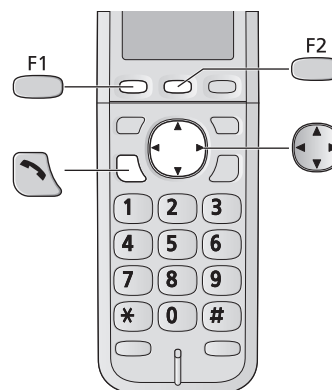
Using the main unit:



1 When you hear a ring, lift the handset to answer the call.

2 When:
– document reception is required,
– a fax calling tone (slow beep) is heard, or
– no sound is heard,
touch **その他のボタン** (More buttons), **ファクス** (Fax), then place the handset on the main unit.
• The unit will start fax reception.

Using the portable handset (KX-FKD503):



1 When you hear a ring, lift the portable handset from the charger, then press **話** (Talk) to answer the call.

2 When:
– document reception is required,
– a fax calling tone (slow beep) is heard, or
– no sound is heard,
press **F1**.

3 Press **検索** (Search button) repeatedly until the “ファクス受信” is displayed, then press **F2**.

4 Press **F1**.
• The main unit will start fax reception.

Receiving a fax automatically (AUTO ANSWER on)



1 If the **留守** (Auto answer) light is off, turn it on by touching **留守**.

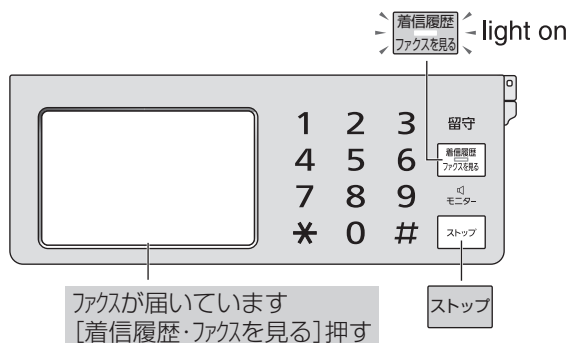
2 When receiving a call, the unit will receive a fax document or record a voice message automatically depending on the caller's request.

Receiving faxes

Display when faxes are received in memory

When new faxes are received in memory, **着信履歴** (Caller ID Log/Fax list) will light on.

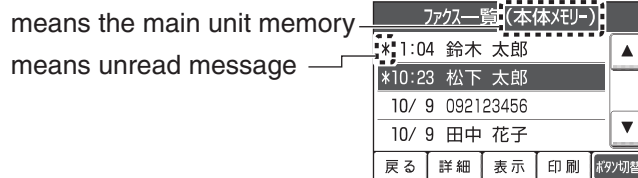
- It will also light on when a call is missed. (For Number Display service users.)
- If an SD Memory Card is inserted, new faxes will be received in the SD Memory Card. (To view the faxes in the SD Memory Card, see page 29.)



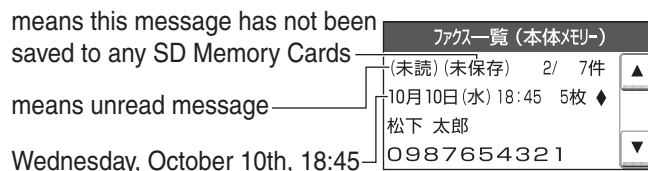
Viewing faxes stored in memory

You can view faxes stored in memory even during a voice call.

- 1 Touch **着信履歴** (Caller ID Log/Fax list).
- 2 Touch **本体ファクスを見る** (Fax list in the main unit memory).
- 3 Select a fax to display.



- You can view a detailed fax list by touching **詳細** (Detail).



- 4 Touch **表示** (Display) to view the fax (see below for details).

- To print the displayed page, touch **印刷** (Print), then touch **このページを印刷する** (Print this page).



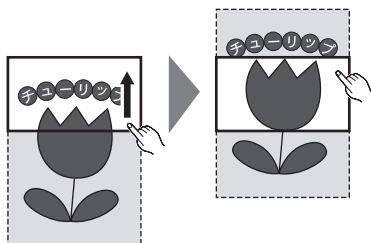
- 5 To view other faxes, touch **ボタン切替** (More buttons), **一覧へ戻る** (Return to the list), and repeat steps 3 to 5. To exit, touch **ストップ** (Stop).

Information about display

■ To scroll display contents

Touch the touch panel and slide your finger in the desired direction to scroll.

(Example)



■ To enlarge or reduce content

To enlarge the display content: Touch **ボタン切替** (More buttons), **ズームQ** (Enlarge).

To reduce the display content: Touch **ボタン切替** (More buttons), **ズームQ** (Reduce).

- You can also perform a pinch-out or a pinch-in operation on the touch panel to enlarge or reduce the displayed content. (See page 3)

■ Scroll pages

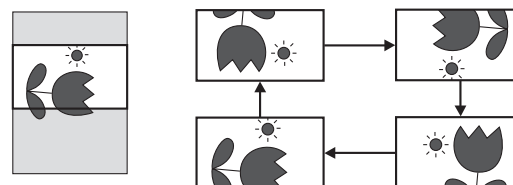
To show the next page: Touch **次ページ** (Next page).

To show the previous page: Touch **前ページ** (Previous page).

■ To turn display contents

Touch **ボタン切替** (More buttons), **回転** (Turn).


(Example)



Receiving faxes

Printing a specific fax stored in memory

1 Touch  (Caller ID Log/Fax list).

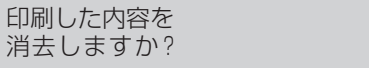
2 Touch  (Fax list in the main unit memory).



3 Select the desired fax to print.

ファクス一覧 (本体メモリー)	
*11:04 鈴木 太郎	▲
*10:23 松下 太郎	
10/ 9 092123456	
10/ 9 田中 花子	▼
戻る	詳細
表示	印刷
電源切替	

4 Touch  (Print).

5 After printing, the following is displayed.


Do you delete the printed contents? — 

- If you want to delete the fax, touch  (Yes).
- If you want to save the fax, touch  (No).



6 Touch  (Stop).

Deleting a specific fax stored in memory

1 Touch  (Caller ID Log/Fax list).

2 Touch  (Fax list in the main unit memory).

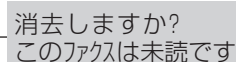
3 Select the desired fax to delete.

4 Touch  (More buttons),  (Erase).




Do you delete the fax?

or



Do you delete the new fax?

5 If you want to delete the fax, touch  (Yes).


- If you want to save the fax, touch  (No).

6 If you want to delete other faxes, repeat steps 3 to 5.

7 Touch  (Stop).

Forwarding received faxes stored in memory

1 Touch  (Caller ID Log/Fax list).

2 Touch  (Fax list in the main unit memory).

3 Select a fax.

4 Touch  (More buttons) twice.

5 Touch  (Forward a fax).

6 Dial the fax number.






7 Touch  (Fax).

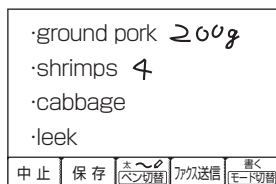
- The unit will start fax transmission.




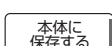


Receiving faxes

Adding a memo on a received fax

You can add a memo on a received fax stored in memory using the touch panel.

- 1 Touch  (Caller ID Log/Fax list).
- 2 Touch  (Fax list in the main unit memory).
- 3 Select a fax.
- 4 Touch  (Display).
- 5 Touch  (Handwriting).
- 6 Touch  (Write).
- 7 Write on the touch panel with the stylus pen.










- 8 Touch  (Save).
- 9 Touch  (Yes).
- 10 Enter the name, up to 17 characters (see “Character input mode for the main unit” on page 10 for instructions).
- 11 Touch  (Set).
- 12 Touch  (Save to main unit) or  (Save to SD Card).
- 13 Touch  (Stop).







Operating the built-in answering device

Recording your own greeting message

You can record your own greeting message. When receiving a call, it will be played to callers instead of the pre-recorded Japanese greeting message.

- 1 Touch  (Function).
 - 2 Touch    .
 - 3 Select the message number to record to.
 - You can record different greeting messages to “自作1” and “自作2”.
- 受話器を取ってください
- 4 Lift the handset.
 - 5 Touch  (Start) and speak your greeting message after a beep, up to 20 seconds, to the handset.
 - 6 Touch  (End) and place the handset on the main unit.
 - Your greeting message will be played back automatically.

Erasing your own greeting message

- 1 Touch  (Function).
 - 2 Touch    .
 - 3 Select the message number to erase.
- 消去しますか?
- 4 Touch  (Yes).

Operating the built-in answering device

Activating the answering device

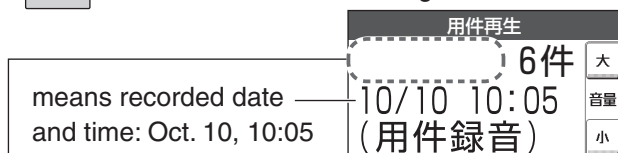
If an SD Memory Card is available (inserted), voice messages will be recorded to the SD Memory Card. (See page 28)

- 1 Turn the **留守** (Auto answer) light on by touching **留守**.
 - The greeting message will be played back.
To change the greeting message, touch **#** repeatedly while playing back the greeting message.
 - To record your own greeting message, see page 24.
- 2 When receiving a call, a greeting message will be played and the unit will record a voice message.

Listening to recorded messages

When new messages are recorded, the **留守** (Auto answer) light will flash.

Touch **留守** to listen to recorded messages.



If an SD Memory Card is inserted, the following variations may occur:

- (SD)**: Playing a message in the SD Memory Card.
- (未保存)**: Playing a message in the main unit that is not saved to any SD Memory Card.
- Blank**: Playing a message in the main unit that has been saved to an SD Memory Card.

After the messages are played back, the following will be displayed.

すべての新規用件を
消去しますか？

- To erase the messages, touch **はい** (Yes) twice.
- To save the messages, touch **いいえ** (No).

Listening to the newly recorded messages

Touch **用件を再生する** (Playback), then touch **新規のみ再生する** (Playback new messages) when new messages are recorded.

After the messages are played back, the following will be displayed.

すべての新規用件を
消去しますか？

- To erase the messages, touch **はい** (Yes) twice.
- To save the messages, touch **いいえ** (No).

Listening to all of the recorded messages

Touch **用件を再生する** (Playback), then touch **すべて再生する** (Playback all).

After the messages are played back, the following will be displayed.

すべての用件を
消去しますか？

- To erase the messages, touch **はい** (Yes) twice.
- To save the messages, touch **いいえ** (No).

Erasing a specific message

Touch **消去** (Erase) while listening to the message you want to erase, then touch **はい** (Yes).

Erasing all of the recorded messages

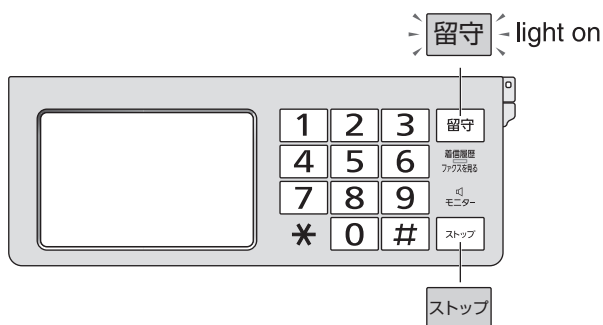
1 Touch **用件を再生する** (Playback).

2 Touch **全消去** (Erase all).

- When not using an SD Memory Card, touch **はい** (Yes).
- When using an SD Memory Card, delete messages as follows:
 - To erase the main unit memory messages, touch **本体メモリー** (Main unit), **はい** (Yes).
 - To erase the main unit memory messages and the SD Memory Card messages, touch **本体メモリー SDカード** (Main unit+SD), **はい** (Yes).
 - To erase the SD Memory Card messages, touch **SDカード** (SD Card), **はい** (Yes).

Operating the built-in answering device

Operating the answering device from a remote location



Preparation: Setting the remote operation ID

1. Touch **機能** (Function).
2. Touch **# 0 0 6**.
3. Enter any 4-digit number (remote operation ID) except * and #.

Example :

留守電暗証番号		
<	1234	>

4. Touch **決定** (Set).
5. Touch **ストップ** (Stop).

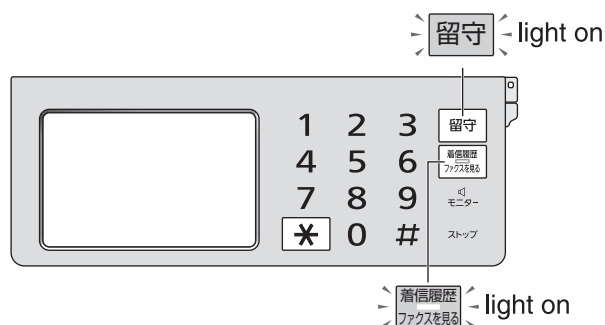
Operation: Listening to a recorded message from a remote location

Turn the **留守** (Auto answer) light on before you go out. Remote operations are available only from a touch tone telephone.

1. Call your unit.
2. Enter the remote operation ID while the greeting message is heard.
3. Press **4** or wait 4 seconds.
 - Only the new recorded messages will be played back.
 - To listen to all the recorded messages, press **5** after the new messages have been played back.

Night mode

Turn on the night mode



Touch ***9** (Night mode) for about 3 seconds.

- **留守** lights on.
- When a call is received during night mode, the unit will handle the call silently, either by storing the received fax into memory or by recording the caller's message.
- Night mode allows you to select a block of time during which the unit will not ring for outside calls or make sounds when you change the settings. This feature is useful when you do not want to be disturbed, for example, while sleeping.

Listening to recorded messages

When new messages are recorded, the following will be displayed.

新しい用件が録音されました

Touch **再生する** (Playback), then touch **新規のみ再生する** (Playback new messages) to listen to recorded messages.

After the messages are played back, the following will be displayed.

すべての新規用件を
消去しますか？

- To erase the messages, touch **はい** (Yes) twice.
- To save the messages, touch **いいえ** (No).

Printing received fax documents

When new faxes are received, the **着信履歴** (Caller ID Log/ Fax list) light will turn on.

To print the faxes, see "Printing a specific fax stored in memory" on page 23.

To print the faxes in the SD Memory Card, see page 29.

Turn off the night mode

Touch ***9** (Night mode) for about 3 seconds.

Call block



Blocking the incoming calls

Using the main unit:

To block a call using a message


While the unit is ringing, touch  (Block).

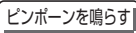
OR

While you are on an incoming call, touch  (Block), then touch  (Voice).

- The unit announces a message to the caller twice, then hangs up automatically. The message is announced in Japanese and means “We’re sorry, but your call cannot be connected.”.

To block a call using chimes

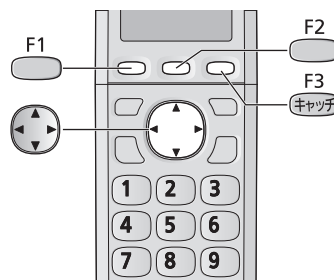
1 While you are on an incoming call, touch  (Block).

2 Touch  (Chime).

- Chime is heard by the caller.

3 Explain to the caller that a visitor came and hang up.

Using the portable handset (KX-FKD503):




To block a call using a message

While the unit is ringing, press  twice.


OR


While you are on an incoming call,

1 Press .

2 Press  (Search button) repeatedly until “通話拒否” is displayed.


3 Press .



4 Press  (Search button) repeatedly until “音声” is displayed.



5 Press .

- The unit announces a message to the caller twice, then hangs up automatically. The message is announced in Japanese and means “We’re sorry, but your call cannot be connected.”.

To block a call using chimes

1 While you are on an incoming call, press .

2 Press  (Search button) repeatedly until “通話拒否” is displayed, then press .



3 Press  (Search button) repeatedly until “チャイム” is displayed, then press .


4 Explain to the caller that a visitor came and hang up.



For Number Display service subscribers

- If you subscribe to Number Display service, the message heard by the caller will change according to the caller’s situation.
Example: If the caller requested not to send caller’s information, the message heard by the caller will change to mean “Your telephone number is blocked by service provider. Please call again with adding ‘186’ to the beginning of the telephone number.”.
- When the following is displayed after blocking an incoming call, you can set the unit to block the call from the same telephone number.


Using the main unit:

■ To block the call, touch  (Yes). 



■ To cancel blocking, touch  (No).

- When the following is displayed, touch  (No) to cancel. 

Using the portable handset:

■ To block the call, press .

■ To cancel blocking, press  (キャッチ).

- When the following is displayed, press  to cancel. 

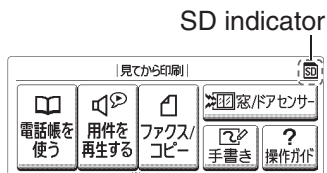
SD Memory Card

Compatible SD Memory Card

- SD Memory Card (2 GB or less)
- SDHC Memory Card (32 GB or less)
- SDXC Memory Card (64 GB or less)

SD indicator

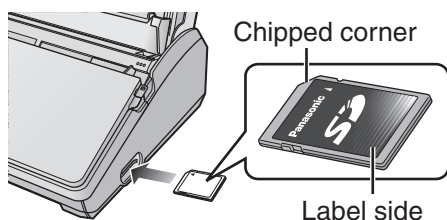
- The SD indicator appears on the display if an SD Memory Card has been inserted.
- The SD indicator flashes while reading or writing to the SD Memory Card.



- Never remove the card while the indicator is flashing.

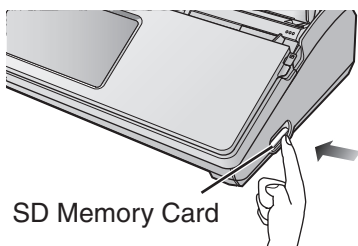
Inserting the SD Memory Card

Insert the SD Memory Card in the direction of the arrow.



Removing the SD Memory Card

While the SD indicator is lit (not flashing), push the SD Memory Card in the direction of the arrow, then pull it out.



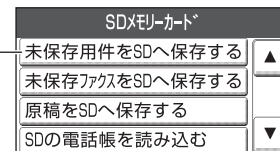
Saving unsaved voice messages to the SD Memory Card

1 Touch **機能** (Function).

2 Touch **SDカード** (SD Card).

3 Touch **未保存用件をSDへ保存する** (Save unsaved voice messages to SD Card).

4 Touch **はい** (Yes).



Listening to voice messages in the SD Memory Card

See "Listening to the newly recorded messages" and "Listening to all of the recorded messages" on page 25.

Deleting voice messages from the SD Memory Card

See "Erasing a specific message" and "Erasing all of the recorded messages" on page 25.

Saving unsaved faxes to the SD Memory Card

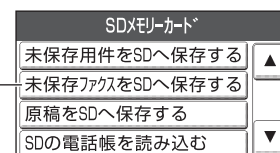
1 Touch **機能** (Function).

2 Touch **SDカード** (SD Card).

3 Touch **未保存ファクスをSDへ保存する** (Save unsaved faxes to SD Card).

4 Touch **はい** (Yes).

5 When the SD indicator stops flashing and remains on, touch **ストップ** (Stop).



SD Memory Card

Viewing/Printing faxes in the SD Memory Card

1 Touch  (Caller ID Log/Fax list).


2 Touch  (Fax in SD Card).


means the SD Memory Card



October 9th
(Date or time of reception)

3 Select a fax to view/print.

4 ■ To view the fax, touch  (Display).

■ To print the fax, touch  (Print).


After printing:

• If you want to delete the fax, touch  (Yes).

• If you want to save the fax, touch  (No).



5 Touch  (Stop).

Deleting faxes from the SD Memory Card


1 Touch  (Caller ID Log/Fax list).

2 Touch  (Fax in SD Card).

3 Select the desired fax to delete.

4 Touch  (More buttons),  (Erase).

5 Touch  (Yes).

6 Touch  (Stop).

Displaying documents/Listening voice messages on a PC

• OS environment

Microsoft® Windows® 98 operating system

Microsoft® Windows® Millennium Edition operating system

Microsoft® Windows® 2000 operating system

Microsoft® Windows® XP operating system

Microsoft® Windows Vista® operating system

Microsoft® Windows® 7 operating system

• Image file : (TIFF format)

Folder : \PRIVATE\MEIGROUP\PCC\FAX\DOC

• Audio file : (WAVE format : It can be played using Windows Media® Player or QuickTime.)


Folder : \PRIVATE\MEIGROUP\PCC\FAX\REC

Formatting SD Memory Card

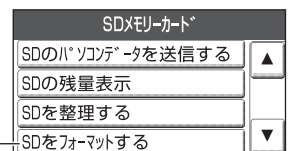
To use an SD Memory Card formatted on a PC or other device, format it as follows.

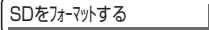
Formatting the SD Memory Card deletes all stored data; this data cannot be recovered.

1 Touch  (Function).

2 Touch  (SD Card).

3 Touch .



4 Touch  (Format SD Card).

5 Touch  (Yes).

Trademarks

- Microsoft, Windows, Windows Vista and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- QuickTime is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.
- All other trademarks identified herein are the property of their respective owners.

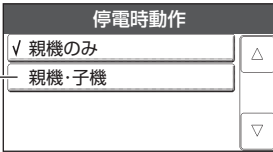
Making or receiving a call during a power failure (Simplified power failure voice call)

In the event of a power failure, you can make or receive calls from the main unit or the portable handset by using the battery in the main unit.

- You cannot use other functions such as fax, copy or answering device.
- When you first purchase this product, you can make or receive calls only from the main unit. If you wish to make or receive calls from the portable handset as well, it is necessary to make settings (see below).
- To make provision for a power failure, be sure to insert the battery in the main unit. (See “Inserting the battery into the main unit” on page 5.)
When you insert the battery, it will start to be charged, enabling it to function as a power source in the event of a power failure.
- When you carry out a simplified power failure voice call operation, the display on the main unit will light up for 30 seconds.
- During a power failure, the display and lamps will go out. If the display does not light up when you pick up the handset, it means that the battery has completely run down. (Unless you carry out an pushbutton operation, the display will go out after about 30 seconds.)

Setting to enable you to make a simplified power failure voice call from the portable handset

- Carry out the following operation from the main unit. (This operation cannot be performed during a power failure.)

- 1 Touch **機能** (Function).
- 2 Touch **# 0 4 4**.

- 3 Touch **親機・子機** (Main unit/Portable handset).
- 4 Touch **ストップ** (Stop).


Making a voice call on the main unit

- During a call, when the battery almost completely runs down, a beep will be heard every four seconds from the receiver of the handset.

- 1 Lift the handset.
- 2 ■ **Making a voice call by entering a telephone number**
When “電話番号?” appears on the display, dial the number.
- **Making a voice call by redialing the last party that you called**
Touch **再ダイヤル** (Redial).
- **Making a voice call using the phonebook**
 - ① Touch **電話帳** (Phonebook).
 - ② Select the desired name.
 - ③ Touch **電話をかける** (Make a call).
- **Making a voice call using the speed dialer**
 - ① Touch **短縮** (Speed dialer).
 - ② Select the desired name.
 - ③ Touch **電話をかける** (Make a call).

Making a voice call on the portable handset (KX-FKD503)

- If a power failure occurs during a voice call or when the line is on hold, the connection will be broken.

- 1 Lift the portable handset from the charger, then press  (Talk).
- 2 ■ **Making a voice call by entering a telephone number**
Dial when you hear a steady tone.
- **Making a voice call using the phonebook**
See “Making a voice call using the phonebook” on page 15.
- **Making a voice call using the one-touch dialer**
See “Making a voice call using the one-touch dialer” on page 16.

■ Rough guide to the usable period (when the ambient temperature is 20 °C) after the completion of charging (approx. 10 hours)

Setting the operation to take place in the event of a power failure	Continuous voice call time	Standby period*
“親機のみ”(Main unit)	for about 1 hour	for about 24 hours
“親機・子機”(Main unit/Portable handset)	for about 1 hour	for about 5 hours

* The standby period will decrease when the telephone rings or during a voice call.

- After a power failure has occurred, the usable period will be reduced until the battery is fully recharged again.
- When the battery inside the main unit runs down, you cannot make a voice call from the portable handset even if there is a charge remaining in the battery inside the portable handset. Also, if the charge in the battery inside the portable handset is low, the above period will be reduced further.

Specifications

KX-PD702DL KX-PD702DW	Main unit	Portable handset (KX-FKD503)	Battery charger
Power supply	AC 100 V (50 Hz/60 Hz)	Ni-MH battery (Part no. KX-FAN55) DC 2.4 V, 650 mAh	AC 100 V (50 Hz/60 Hz)
Power consumption	Transmission: Approx. 10 W Reception: Approx. 17 W Copy: Approx. 17 W Standby: Approx. 0.7 W Maximum*1: Approx. 120 W		<ul style="list-style-type: none"> • Charging: Approx. 0.8 W • Standby: Approx. 0.3 W (When the portable handset is off the charger.)
Dimensions (H x W x D)	Approx. 86 x 296 x 210 mm (without handset, projections) Approx. 256 x 296 x 240 mm (recording paper tray opened, without handset, projections)	Approx. 175 x 48 x 30 mm	Approx. 47 x 73 x 90 mm
Mass (Weight)	Approx. 2.4 kg (5 m ink film installed)	Approx. 150 g (battery installed)	Approx. 155 g
Operating environment	5 °C – 35 °C, 45 % – 85 % RH (Relative Humidity)		

KX-PD702DL KX-PD702DW	Main unit
Applicable line	Public Switch Telephone Network (Pulse/Tone), F-Net, NCC Lines
DC resistance	280 Ω
Compatibility	G3 compatible
Document size	A4–A5 (Max. 210 mm in width, Max. 500 mm in length)
Effective scanning size	208 mm (A4)
Effective printing size	202 mm (A4 size plain paper)
Transmission time	Approx. 15 s/page (Original mode)*2
Modem speed	9,600 / 7,200 / 4,800 / 2,400 bps; Automatic fallback
Halftone level	64-level
Scanning density	Horizontal: 8 pels/mm Vertical : 7.7 lines/mm (Fine/Photo), 3.85 lines/mm (Standard)
Scanner type	Contact image sensor
Printer type	Thermal transfer printing on plain paper
Data compression system	Modified Huffman (MH), Original mode
Recording paper size	A4: 210 mm x 297 mm (Plain paper)
Answering device	Greeting message: Digital recording system (2 messages of up to approx. 20 seconds each) Pre-recording greeting message (2 messages) ICM Recording: Digital recording system (Approx. 12 min. in total)
SD Memory Card capacity	Image data (such as received faxes) : Max. 1,000 data/Max. Approx. 50,000 sheets*3 using 64 GB SDXC Memory Card Audio data (such as recorded messages): Max. 1,000 data/Max. Approx. 2,000 hours using 64 GB SDXC Memory Card
SD Memory Card format	FAT16/FAT12 (SD Memory Card), FAT32 (SDHC Memory Card), exFAT (SDXC Memory Card)
Memory capacity	Max. Approx. 50 pages (Only receiving fax etc.)*3*4 Max. Approx. 12 min. (Only recording message)
Power source for use during a power failure	Ni-MH battery (Part no. KX-FAN55) DC 2.4 V, 650 mAh

*1 When copying a 100 % black document.

*2 Transmission speed is based on an A4-size document of 700 characters sent in standard resolution at 9,600 bps. The actual transmission speed depends upon the contents of the page, resolution, telephone line conditions and capability of the other party's machine.

*3 The memory capacity is based on an A4-size document of 700 characters sent in standard resolution (8 x 3.85 lines/mm).

*4 Ten items of material data are stored (deletable).