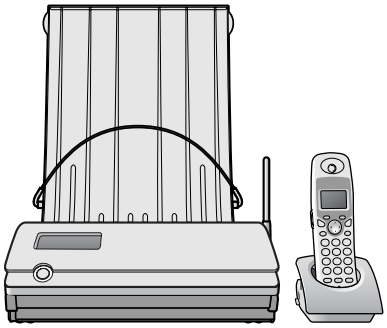
みんなのファクス

おたっくす

Panasonic

Facsimile

Quick Reference Guide



KX-PW513DL

Model No. **KX-PW513DL**
KX-PW513DW

Main unit: KX-PW513
Portable handset: KX-FKN521

Thank you for purchasing a Panasonic facsimile.

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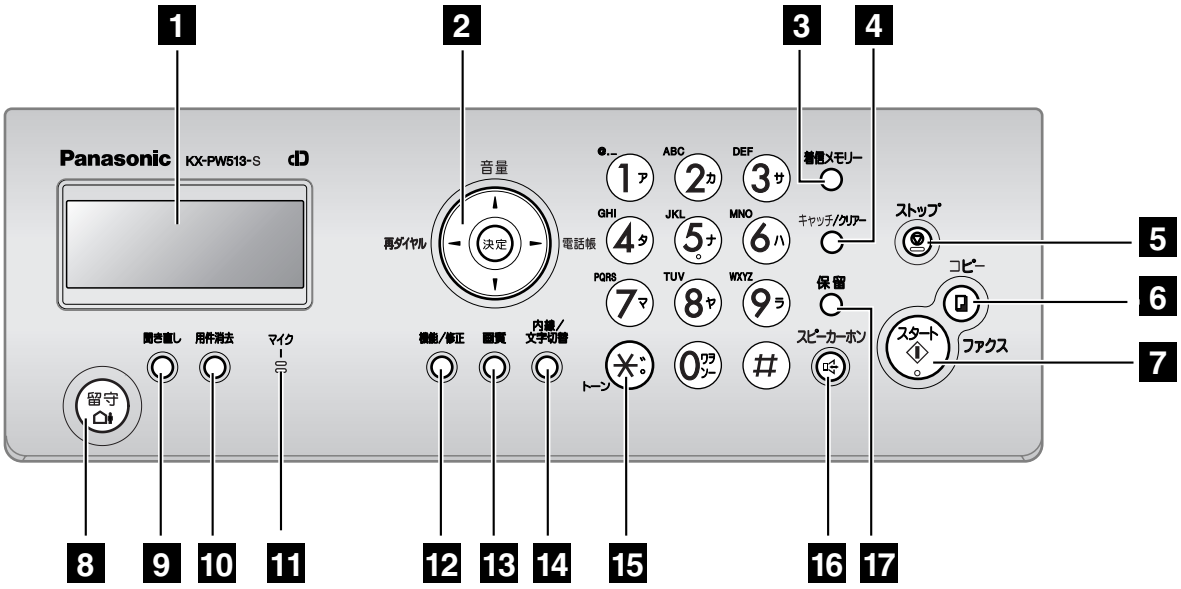
- This guide explains some basic features and operations, but not all of them. For further details, see the Japanese operating instructions.
- This product is designed for use in Japan. Panasonic cannot provide service for this product if used outside Japan.
- Any details given in this guide are subject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

Finding the controls

Main unit



1 **Liquid crystal display**

2 **Volume/Redial/Phonebook/Set** key

音量 To adjust the volume.

再ダイヤル To redial the phone numbers in the redial list. The last 10 phone numbers dialed are stored in memory.

電話帳 To use the phonebook.

決定 To store a parameter.

3 **Call Memory** button starts a search in the Number Display log.
(For caller ID display service users.)

4 **Flash** button
(For call waiting service users.)
Clear button

5 **Stop** button

6 **Copy** button starts copying.

7 **Start/Fax** button starts faxing.

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

9 **Replay** button plays back recorded messages.

10 **Erase** button

11 **Microphone**

12 **Function** button initiates programming.
Edit button

13 **Resolution** button selects the resolution when faxing or copying.

14 **Intercom** button
Character Input Mode button

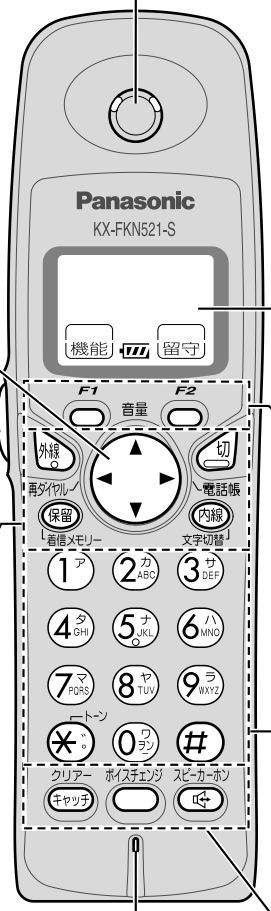
15 **Tone** button switches to tone dialing.

16 **Speakerphone** button

17 **Hold** button

Finding the controls

Portable handset (KX-FKN521)



How to use 音量 再ダイヤル 電話帳 key

- 電話帳 ● To use the phonebook.
- 再ダイヤル ● To redial the phone numbers in the redial list. The last 10 phone numbers dialed are stored in memory.
- 音量 ● To adjust the volume.

- ● To change the tone heard from the earpiece.

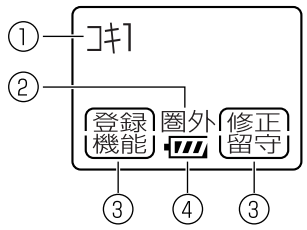
- 外線 ● To make/answer calls.
- 切 ● To end a call. ● To end or exit from editing or other operations.
- 内線 文字切替 ● To page the main unit and/or portable handset(s). ● To change the character input mode.
- 保留 着信メモリー ● To put a call on hold. ● To start a search in the Number Display log. (For caller ID display service users.)

Earpiece

Microphone

Do not cover the microphone while talking.

Liquid crystal display



① ..... Portable handset number (and name)
② ..... No link to the base unit
③ ..... Function menu that is controlled by F1 or F2
④ ..... Battery strength

How to use F1 F2 buttons

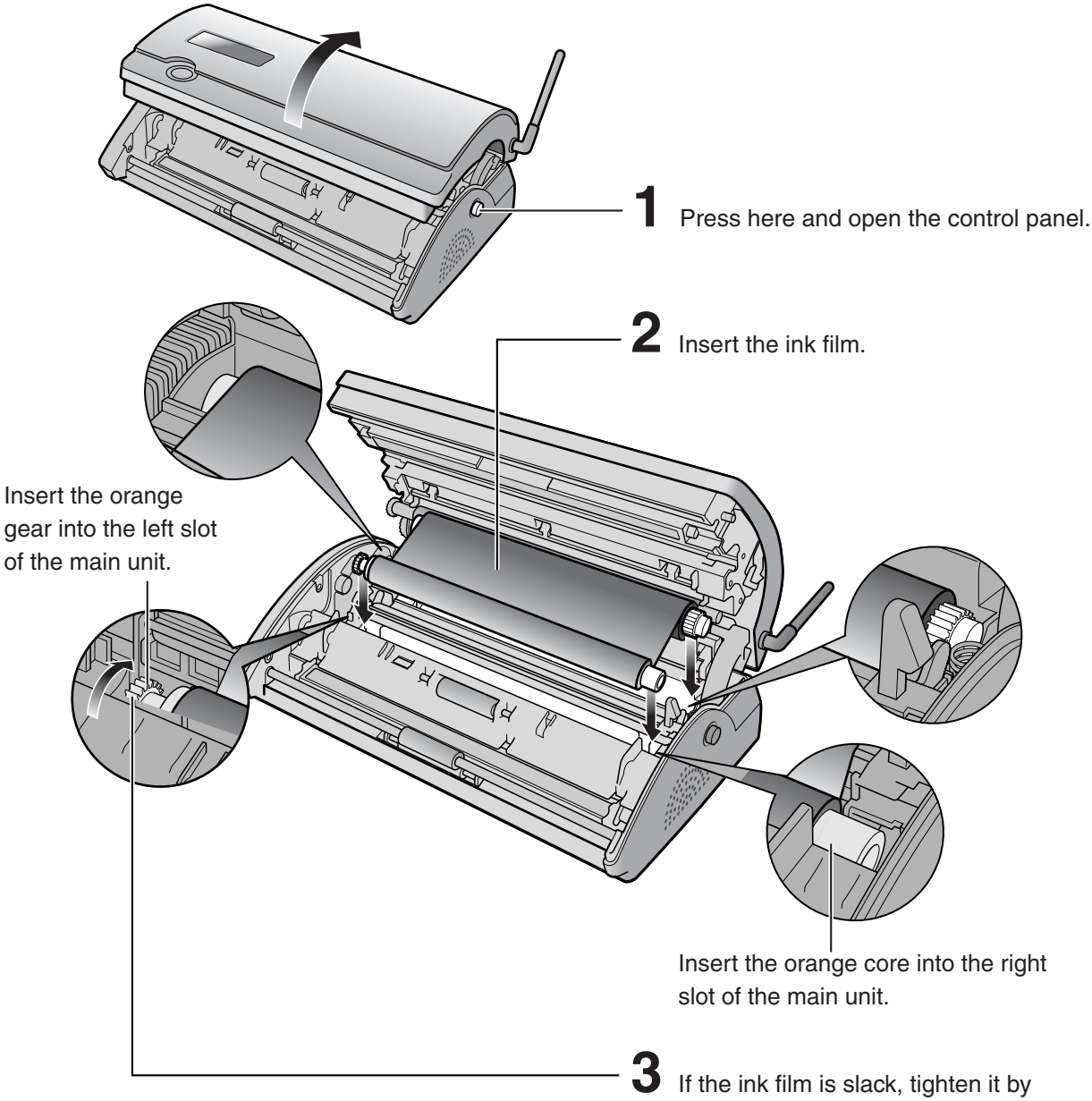
F1 and F2 buttons refer to the function displayed on the bottom of the display. They function differently depending on the mode.

Dial buttons

- トーン ✳ Tone button ● To switch to tone dialing.
- # Sharp button

- クリアー キャッチ ● For call waiting service users. ● To clear letters/numbers.
- ボイスチェンジ ● To change your voice. ● To mute your voice to the other party by pressing this button for about 2 seconds. (To release the mute, press this button again.)
- スピーカーホン ● To use the speakerphone.

Installing the ink film



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

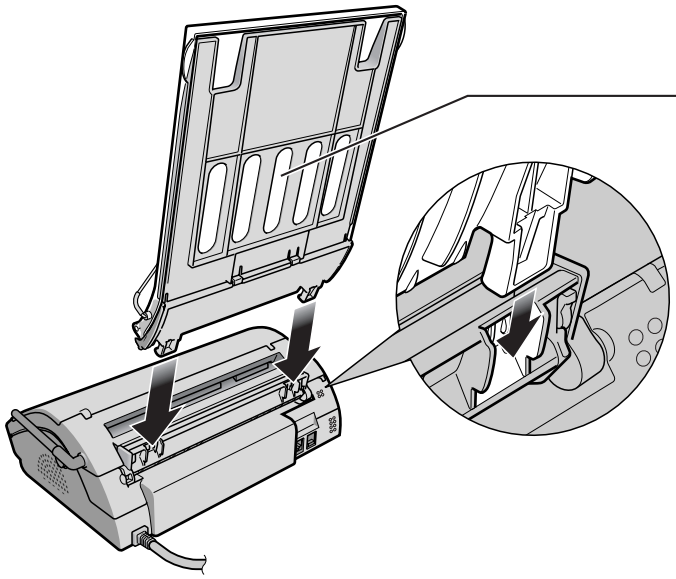
ﾌｨﾙﾑｶﾞ ﾅｸﾅﾘﾏｼﾀ ｺｳｶﾝｼﾃｸﾀﾞｻｲ U23	↔	ﾌｨﾙﾑｶﾞ ﾅｸﾅﾘﾏｼﾀ ﾋﾝﾊﾞﾝ:KX-FAN200

Install a new ink film.

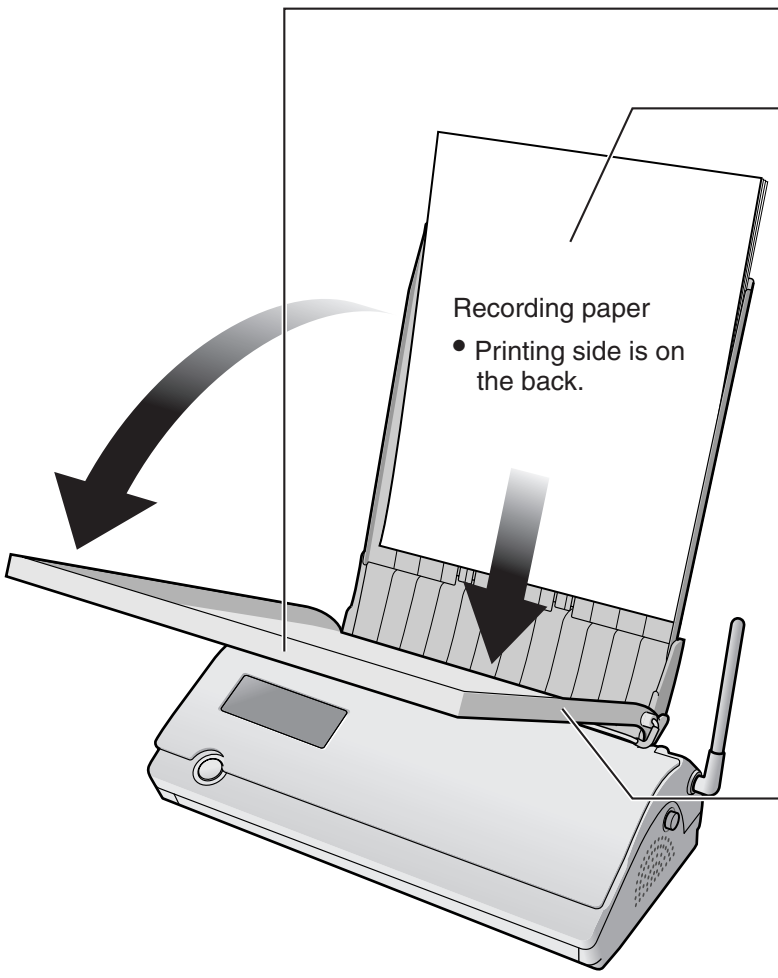
Replacement ink film:
KX-FAN200 (30 m) ￥1,208

・As of February 2005. ・Tax included.

Installing recording paper (A4 size)



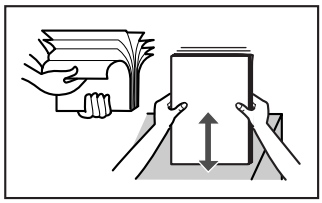
1 Install the recording paper cover/tray.



2 Open the recording paper cover.

3 Insert the recording paper into the recording paper tray. (Up to 20 sheets)

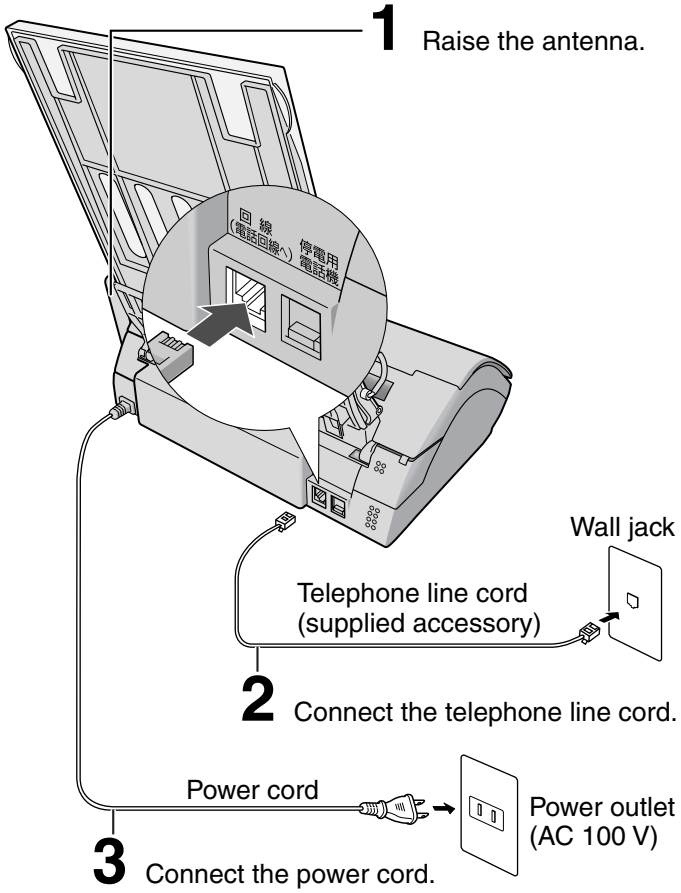
- Fan the stack of recording paper.



4 Close the recording paper cover.

Installations and connections

Connecting the main unit



After the Power On...
This unit will automatically select the dialing mode (Tone/Pulse).

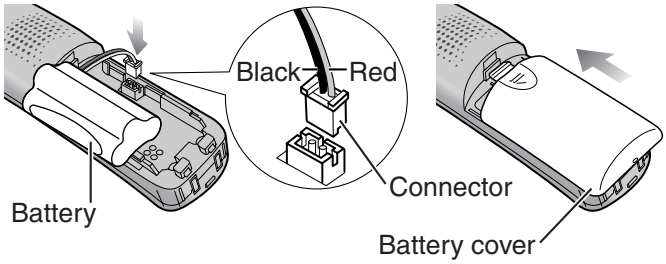
If you can not make a call...

Set the dialing mode with the main unit.

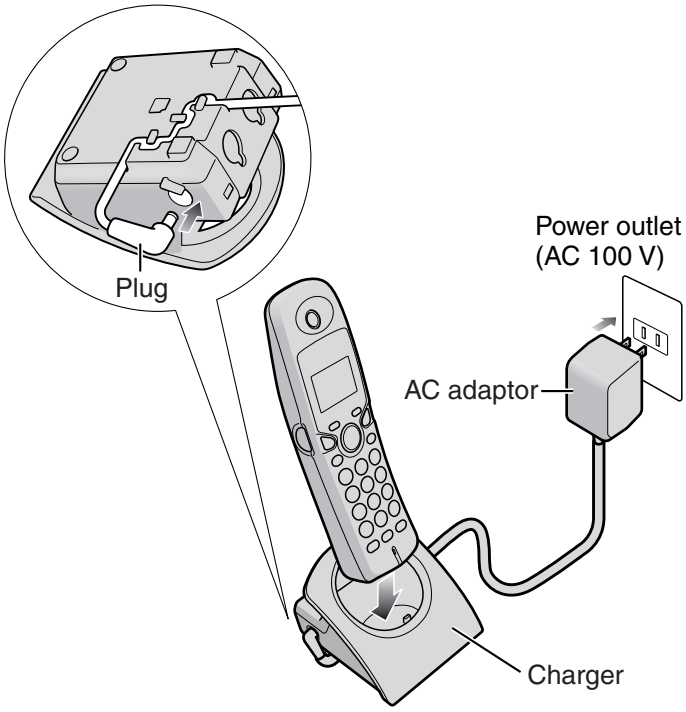
1. Press 機能/修正 (Function/Edit).
2. Press #, 0, 7, 9.
3. Press (Search button) repeatedly until the desired setting is displayed.
   Example :
   カイセンシュベツ=20 [◀▶, ケッテイ] オス
   - ● プッシュ : Tone
   - 20 : Pulse (20 PPS)
   - 10 : Pulse (10 PPS)
4. Press 決定 (Set).
5. Press ストップ (Stop).

Setting up the portable handset (KX-FKN521)

1



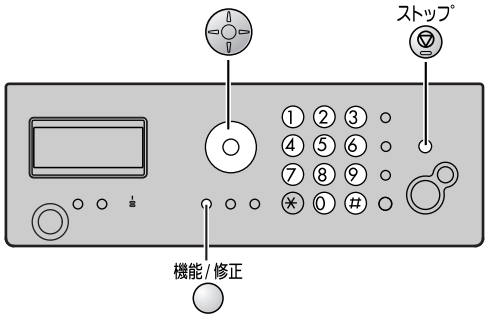
2



3 Charge the battery in the charger **for 10 hours**.

- After your Panasonic battery is fully charged, it will last up to about 7 hours of conversation.

Setting the date and time



1 Press 機能/修正 (Function/Edit).

```
ｷﾉｳ ﾄｳﾛｸ ﾓｰﾄﾞ
        [▼▲]ｵｽ
```

2 Press #00**1**.

Example :

```
2005年06月01日
20:10
```

Cursor

3 Enter the correct year/month/day.
Example: October 1, 2005
Press 2005 10 01.

```
2005年10月01日
20:10
```

4 Enter the correct hour/minute in a 24-hour clock entry.
Example: 15:45 (3:45 PM)
Press 15 45.

```
2005年10月01日
15:45
```

5 Press 決定 (Set).

```
ﾄｳﾛｸ ｼﾏｼﾀ
```

⬇

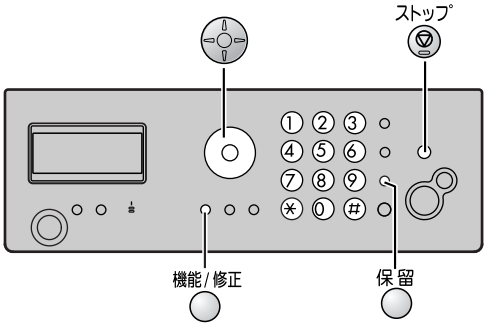
```
2005年10月01日
15:45
```

6 Press ストップ (Stop).

Example :

```
10月 1日 15:45
ﾖｳｹﾝ ﾛｸｵﾝ  00ｹﾝ
```

Setting your facsimile telephone number



1 Press 機能/修正 (Function/Edit).

```
ｷﾉｳ ﾄｳﾛｸ ﾓｰﾄﾞ
        [▼▲]ｵｽ
```

2 Press #004.

```
ｱﾅﾀﾉﾃﾞﾝﾜﾊﾞﾝｺﾞｳ?
TEL=.          .
```

Cursor

3 Enter your facsimile telephone number, up to 20 digits.
Example: 098 765 43··

```
ｱﾅﾀﾉﾃﾞﾝﾜﾊﾞﾝｺﾞｳ?
TEL=098 765 43.
```

The 保留 (Hold) button replaces the digit with a space.

4 Press 決定 (Set).

```
ﾄｳﾛｸ ｼﾏｼﾀ
```

⬇

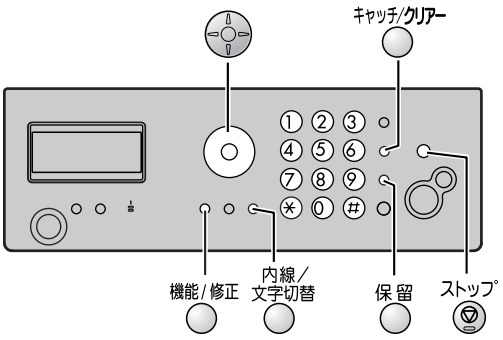
```
ｱﾅﾀﾉﾃﾞﾝﾜﾊﾞﾝｺﾞｳ?
TEL=098 765 43.
```

5 Press ストップ (Stop).

Example :

```
10月 1日 15:45
ﾖｳｹﾝ ﾛｸｵﾝ  00ｹﾝ
```

Setting your logo



1 Press 機能/修正 (Function/Edit).

```
ｷﾉｳ ﾄｳﾛｸ ﾓｰﾄﾞ
        [▼▲]ｵｽ
```

2 Press #, 0, 0, 2.

```
ｱﾅﾀﾉﾅﾏｴ?
```
Cursor

3 Enter your logo, up to 30 characters, using the dial keypad.

- To enter English characters easily, press 内線/文字切替 (Intercom/Character input mode) repeatedly and select " 英 " (English and sign input mode).
- For details, see the table on page 9 for instructions.

Example: Micah

1. Press 6 once.

```
ｱﾅﾀﾉﾅﾏｴ?
M
```
Cursor

2. Press 4 six times.

```
ｱﾅﾀﾉﾅﾏｴ?
Mi
```

3. Press 2 six times.

```
ｱﾅﾀﾉﾅﾏｴ?
Mic
```

4. Press ▶ to move the cursor to the next space and press 2 four times.

```
ｱﾅﾀﾉﾅﾏｴ?
Mica
```

5. Press 4 five times.

```
ｱﾅﾀﾉﾅﾏｴ?
Micah
```

4 Press 決定 (Set).

```
ﾄｳﾛｸ ｼﾏｼﾀ
```
↓
```
ｱﾅﾀﾉﾅﾏｴ?
Micah
```

5 Press ストップ (Stop).

Example :

```
10月 1日 15:45
ﾖｳｹﾝ ﾛｸｵﾝ  00ｹﾝ
```

Character input and command key table

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

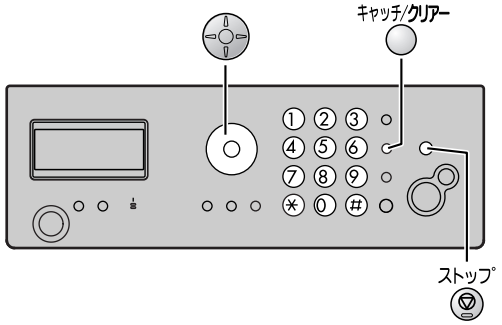
Character / Display of the main unit / Display of the portable handset / Dial key		Katakana カナ [カナ]	English 英 [AB]	Numbers 数 [12]
(Main unit)	(Portable handset KX-FKN521)			
①	①	アイウエオァィゥェォ	@ . _ - & $ ¥ % + = ~ ^	1
②	②	カキクケコ	A B C a b c	2
③	③	サシスセソ	D E F d e f	3
④	④	タチツテトッ	G H I g h i	4
⑤	⑤	ナニヌネノ	J K L j k l	5
⑥	⑥	ハヒフヘホ	M N O m n o	6
⑦	⑦	マミムメモ	P Q R S p q r s	7
⑧	⑧	ヤユヨャュョ	T U V t u v	8
⑨	⑨	ラリルレロ	W X Y Z w x y z	9
⓪	⓪	ワヲンー！？( )	！？／ー＊＃，；：｜・’ ”（ ）［ ］｛ ｝〈〉「」	0
✱	✱	゛゜、。	、。	

Command keys		
内線／文字切替 (Main unit), 内線 文字切替」 (Portable handset)	Used to change the character input mode.
(Main unit), (Portable handset)	Used to move the cursor to the left and right.
キャッチ/クリアー (Main unit), クリアー キャッチ (Portable handset)	Used to delete a character.
保留 (Main unit), 保留 (Portable handset)	Used to insert a space.

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

Automatic dialing on the main unit

Storing names and telephone numbers in the phonebook



1 Press 電話帳 (Phonebook).

```
ﾄｳﾛｸ ﾊ [ｹｯﾃｲ]ｵｽ
ｹﾝｻｸ ﾊ [▼▲]ｵｽ
```

2 Press 決定 (Set).

- "XXX" shows the remaining station numbers you can store.
- You can program up to 150 stations, including 4 pre-programmed stations.

```
ﾃﾞﾝﾜﾁｮｳ ｱｷXXXｹﾝ
```

3 Enter the name, up to 12 characters (see the table on page 9 for instructions).

4 Press 決定 (Set).

5 Enter the telephone number, up to 24 digits.

- To correct a mistake, press ｷｬｯﾁ/ｸﾘｱｰ (Flash/Clear).

6 Press 決定 (Set).

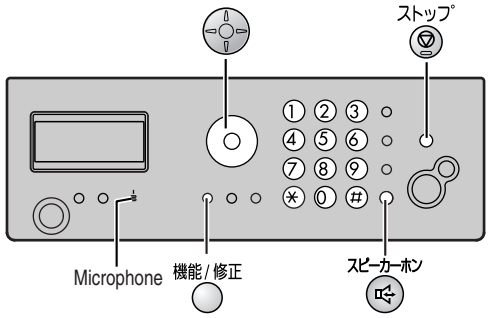
7 Enter the group number (① to ⑨).

8 Press 決定 (Set).

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

9 Press ｽﾄｯﾌﾟ (Stop) to exit the program.

Making a voice call using the phonebook



1 Press 電話帳 (Phonebook).

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

3 Press ｽﾋﾟｰｶｰﾎﾝ (Speakerphone).

- When the other party answers, speak to the microphone.

Editing a stored name or number in the phonebook

1 Press 電話帳 (Phonebook).

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

3 Press 機能/修正 (Function/Edit).

4 Edit the name (see the table on page 9 for instructions).

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

5 Press 決定 (Set).

6 Edit the telephone number.

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

7 Press 決定 (Set).

8 Edit the group number.

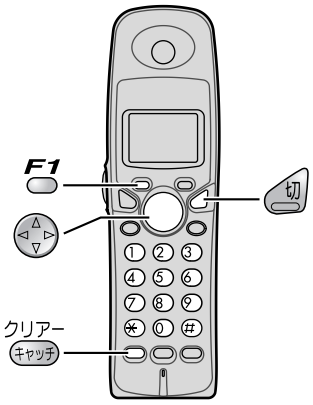
- If you do not need to edit the group number, skip to step 9.

9 Press 決定 (Set).

10 Press ｽﾄｯﾌﾟ (Stop).

Automatic dialing on the portable handset (KX-FKN521)

Storing names and telephone numbers in the phonebook



1 Press 電話帳 (Phonebook).

```
ケンサクハ [▼▲]オス
```

2 Press F1.
- "XXX" shows the remaining station numbers you can store.
- You can program up to 150 stations, including 4 pre-programmed stations.

```
ナマエ?      [カナ]
アキ        XXXケン
```

3 Enter the name, up to 12 characters (see the table on page 9 for instructions).

4 Press F1.

5 Enter the telephone number, up to 24 digits.
- To correct a mistake, press クリアー キャッチ (Clear).

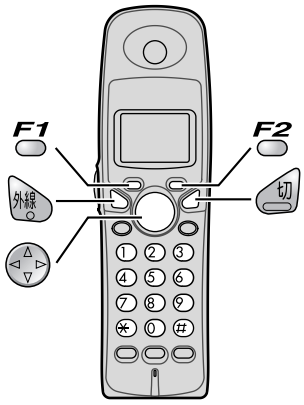
6 Press F1.

7 Enter the group number (1 to 9).

8 Press F1.
- To program other items, repeat steps 3 to 8.

9 Press 切 (Off) to exit the program.

Making a voice call using the phonebook



1 Press 電話帳 (Phonebook).

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

3 Press 外線 (Talk).

Editing a stored name or number in the phonebook

1 Press 電話帳 (Phonebook).

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

3 Press F2.

4 Edit the name (see the table on page 9 for instructions).
- If you do not need to edit the name, skip to step 5.

5 Press F1.

6 Enter the correct telephone number.
- If you do not need to edit the telephone number, skip to step 7.

7 Press F1.

8 Edit the group number.
- If you do not need to edit the group number, skip to step 9.

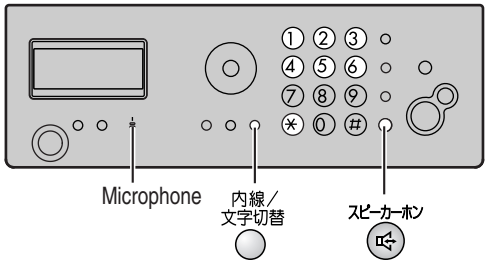
9 Press F1.

10 Press 切 (Off) to exit the program.

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**

Press 内線／文字切替 (Intercom/Character input mode).

```
ｺｷｮ ﾖﾋﾞﾀﾞｼ ﾁｭｳ
```

■ **For multiple portable handset users**

① Press 内線／文字切替 (Intercom/Character input mode).

② Call the 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 all the portable handsets, press ✱.

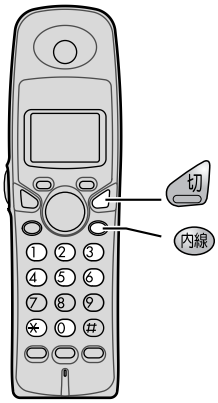
2 Start talking toward the microphone.

Example :

```
ｺｷｮ ﾅｲｾﾝﾂｳﾜ ﾁｭｳ
```

3 Press スピーカーホン (Speakerphone) to end the intercom call.

Using the portable handset (KX-FKN521):



1 ■ **For single portable handset users**

Press 内線 (Intercom).

■ **For multiple portable handset users**

① Press 内線 (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 ✱.

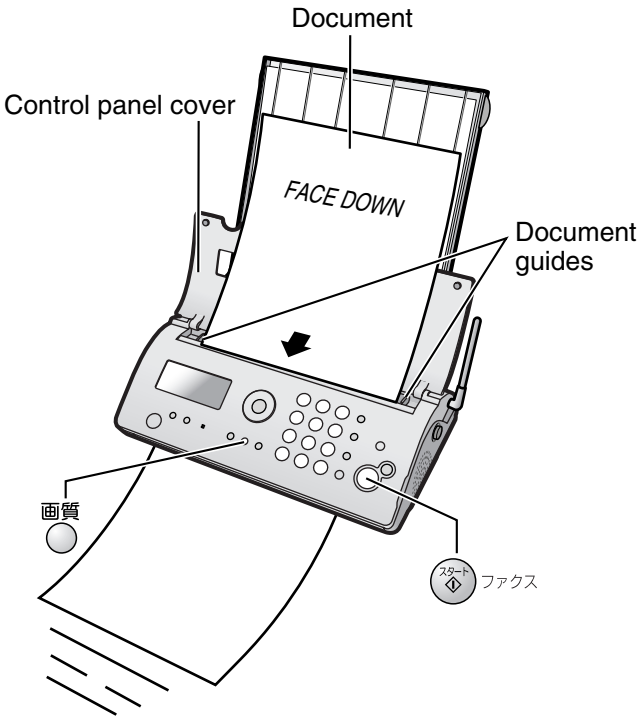
2 Start talking.

```
ﾅｲｾﾝﾂｳﾜ ﾁｭｳ
```

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

Sending faxes

Sending a fax manually



1 Open the control panel cover, and adjust the width of the document guides to the size of the document.

2 Insert the document (up to 5 pages) FACE DOWN until a single beep is heard.

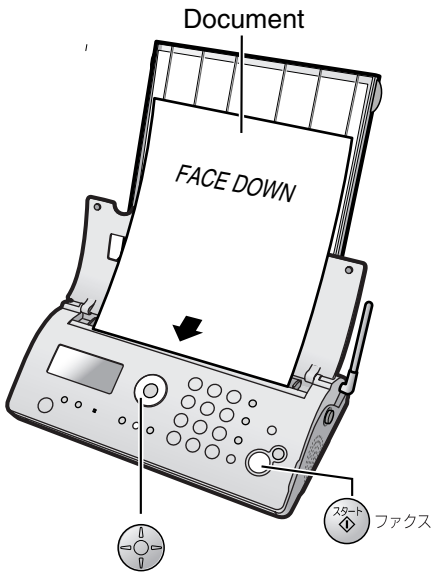
3 If necessary, press 画質 (Resolution) repeatedly to select the desired setting (see below).

4 Dial the fax number.

5 Press スタート ファクス (Start/Fax).

- The unit will start fax transmission.

Sending a fax using the phonebook



1 Insert the document (up to 5 pages) FACE DOWN until a single beep is heard.

2 Press 電話帳 (Phonebook).

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

4 Press スタート ファクス (Start/Fax).

- The unit will start fax transmission.

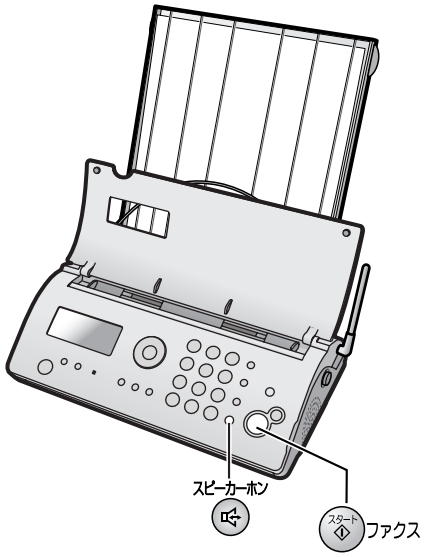
To select the resolution

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

ｶﾞｼﾂ=ﾌﾂｳ	(Standard) for printed or typewritten originals with normal-sized characters.
ｶﾞｼﾂ=ﾁｲｻｲ	(Fine) for originals with minute printing.
ｶﾞｼﾂ=ｼｬｼﾝ	(Photo) for originals containing photographs.

Receiving a fax manually (AUTO ANSWER off)

Using the main unit:



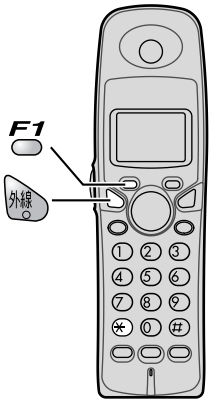
1 When you hear a ring, press スピーカーホン (Speakerphone) to answer the call.

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

press スタート ファクス (Fax).

- The unit will start fax reception.

Using the portable handset (KX-FKN521):



1 When you hear a ring, lift the portable handset from the charger to answer the call.
- If the portable handset is not set on the charger, press 外線 (Talk).

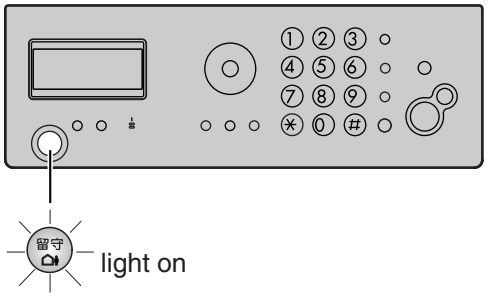
2 When:
– document reception is required,
– a fax calling tone (slow beep) is heard, or
– no sound is heard,

press F1, then press ✱.

- The main unit will start fax reception.

Receiving faxes

Receiving a fax automatically (AUTO ANSWER on)

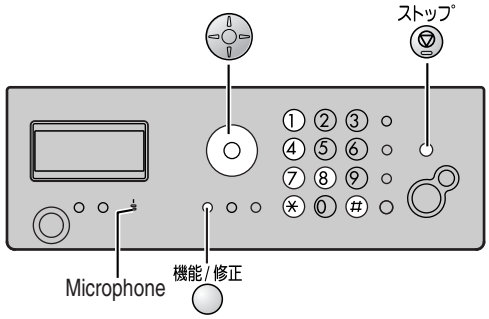


1 If the 留守 (Auto answer) light is off, turn it on by pressing 留守.

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

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 Press 機能/修正 (Function/Edit).

2 Press #14.

```
ｼﾞｻｸ ｵｳﾄｳ ﾛｸｵﾝ
      [ｹｯﾃｲ]ｵｽ
```

3 Press 決定 (Set).

4 Press 決定 (Set) and speak your greeting message after a beep, up to 16 seconds, to the microphone.

5 Press ストップ (Stop).

- Your greeting message will be played back automatically.

Erasing your own greeting message

1 Press 機能/修正 (Function/Edit).

2 Press #148.

```
ｼﾞｻｸ ｵｳﾄｳ ｼｮｳｷｮ
      [ｹｯﾃｲ]ｵｽ
```

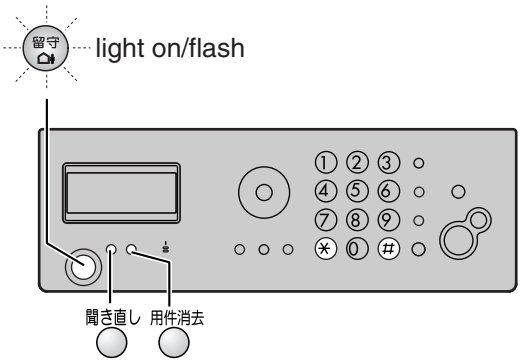
3 Press 決定 (Set).

4 Press *.

- The pre-recorded Japanese greeting message will be played when you receive a call.

Operating the built-in answering device

Activating the answering device



1 Turn the 留守 (Auto answer) light on by pressing 留守.

2 When receiving a call, a greeting message will be played and the unit will record a voice message.
- To record your own greeting message, see page 15.

Listening to recorded messages

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

Press 留守 to listen to recorded messages.

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

■ To erase the messages, press ✱.
■ To save the messages, press #.

```
ｻｲｾｲｼﾀﾖｳｹﾝｼｮｳｷｮ
ｽﾙ=✱ ｼﾅｲ=#
```

Listening to all of the recorded messages

Press 聞き直し (Replay).

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

■ To erase the messages, press ✱.
■ To save the messages, press #.

```
ｻｲｾｲｼﾀﾖｳｹﾝｼｮｳｷｮ
ｽﾙ=✱ ｼﾅｲ=#
```

Erasing a specific message

Press 用件消去 (Erase) while listening to the message you want to erase, then press ✱.

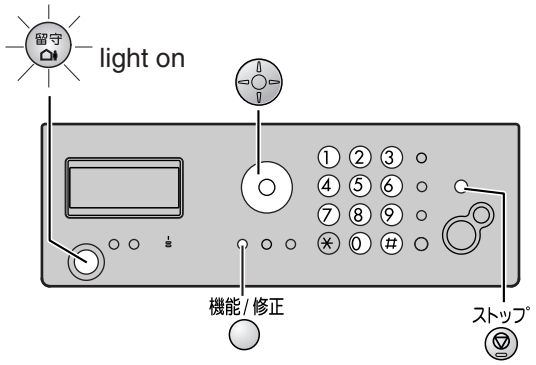
Erasing all of the recorded messages

1 Press 用件消去 (Erase).

```
ｽﾍﾞﾃ ｼｮｳｷｮｼﾏｽｶ?
ﾊｲ=✱ ｲｲｴ=#
```

2 Press ✱.

Operating the answering device from a remote location



Preparation: Programming the remote operation ID

1. Press 機能 / 修正 (Function/Edit).
2. Press #006.
3. Enter any 4-digit number (remote operation ID) except ✳ or #.

   Example :

   ```
   ｱﾝｼｮｳ No.=1234
   [4ｹﾀ,ｹｯﾃｲ]ｵｽ
   ```

4. Press 決定 (Set).
5. Press 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 during the greeting message.
3. Press 2 or wait 4 seconds.
   - Only the new recorded messages will be played back.
   - To listen to all the recorded messages, press 4 after the new messages have been played back.

Specifications

KX-PW513DL KX-PW513DW	Main unit	Portable handset (KX-FKN521)	Battery charger
Power supply	AC 100 V (50 Hz/60 Hz)	Ni-MH battery (Part no. KX-FAN50) DC 3.6 V, 600 mAh	AC adaptor (Part no. PFAP1009) AC 100 V (50 Hz/60 Hz) DC 7.5 V, 100 mA
Power consumption	Transmission: Approx. 10 W Reception: Approx. 15 W Copy: Approx. 20 W Stand by: Approx. 1.0 W (When the F-net service is not in use.) Maximum(*1): Approx. 130 W		• Charging: Approx. 1.5 W • Stand by: Approx. 0.6 W
Dimensions (H x W x D)	Approx. 103 X 290 X 193 mm (without projections) Approx. 355.5 X 290 X 231 mm (recording paper cover/tray installed, without projections)	Approx. 161 X 47 X 39 mm	Approx. 64 X 80 X 90 mm
Mass (Weight)	Approx. 2.75 kg (10 m ink film installed)	Approx. 140 g (battery installed)	Approx. 80 g
Operating environment	5 °C – 35 °C, 45 % – 85 % RH (Relative Humidity)		

KX-PW513DL KX-PW513DW	Main unit
Applicable line	Public Switch Telephone Network (Tone/Pulse), F-Net, NCC Lines
DC resistance	320 Ω (*2)
Compatibility	G3 compatible
Document size	A4–A5 (Max. 216 mm in width, Max. 600 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) (*3)
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 (up to 16 sec) Pre-recording greeting message ICM Recording: Digital recording system (Approx. 18 min. in total) (*4)
Memory capacity	Max. Approx. 46 pages (Only receiving fax etc.) (*5) Max. Approx. 18 min. (Only Recording message) (*4)

*1 When copying a 100% black document.
*2 If you cannot make a call due to DC resistance, consult your dealer.
*3 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.
*4 If there is a silent pause, the total recording time will be longer.
*5 The memory capacity is based on an A4-size document of 700 characters.

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