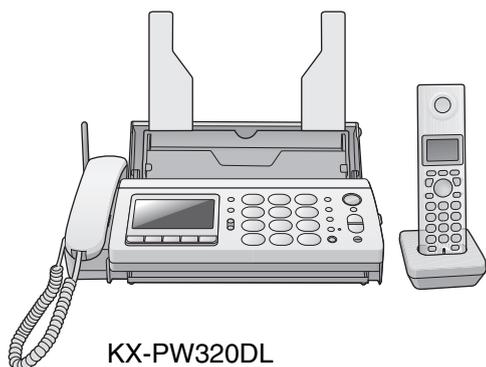


Facsimile

Quick Reference Guide



KX-PW320DL

Model No. **KX-PW320DL**
KX-PW320DW

Main unit: KX-PW320
 Portable handset: KX-FKN526

Thank you for purchasing a Panasonic product.

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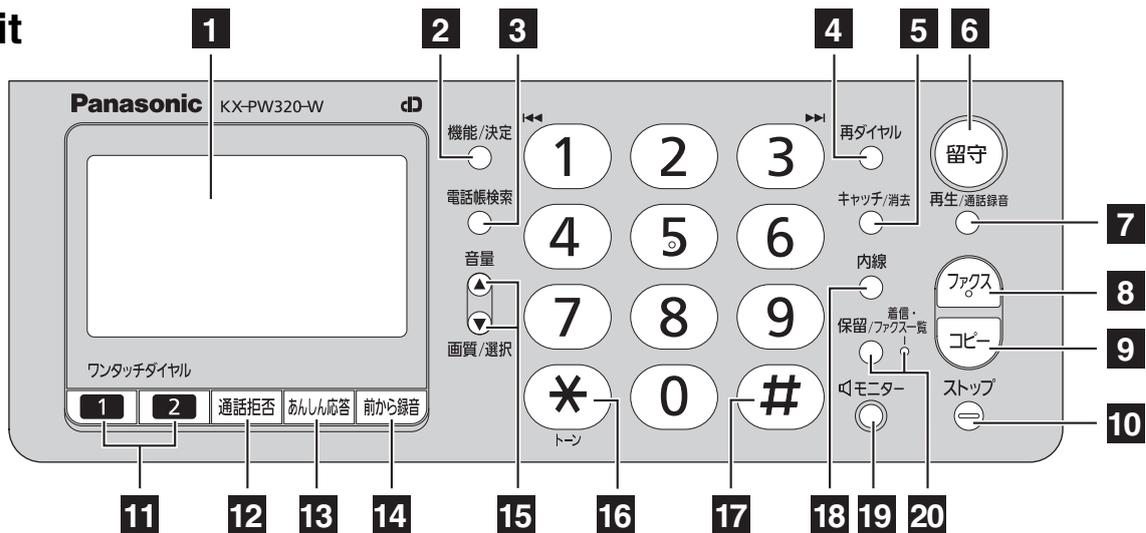
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- This guide explains some basic features and operations, but not all of them.
For further details, see the Japanese operating instructions.
- This product is designed for use in Japan.
Panasonic cannot provide service for this product if used outside Japan.
- KX-PW320DL includes 1 portable handset and 1 main unit.
KX-PW320DW 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)
For details about voice guide, please see page 10.

Finding the controls

Main unit



- 1 Liquid crystal display**
- 2 Function button** initiates programming.
Set button stores a parameter.
- 3 Phonebook button**
- 4 Redial button** redials the phone numbers in the redial list. The last 10 phone numbers dialed are stored in memory.
- 5 Flash button** (For call waiting service users.)
Erase button
- 6 Auto Answer button & indicator**
—light on: answering device activated.
—light off: used as a regular telephone.
- 7 Playback button** plays back recorded messages.
Record button records a telephone conversation.
 - To record a telephone conversation
再生/通話録音 (Playback/Record) ➡ (#) (Cancel the precaution voice message)
 - To stop recording, press ^{ストップ} (stop)
- 8 Fax button** starts faxing.
- 9 Copy button** starts copying.
- 10 Stop button**
- 11 One-touch Dial buttons**
- 12 Block button** for the undesired call
- 13 Secure button**
While the unit is ringing, press this button. The unit announces a message to the caller. The message is announced in Japanese and means “This unit is currently set to Caller Verifying mode. Could you please speak out your name?”
 - To talk to the caller, lift the handset.
 - To hang up, press (*).
- 14 Enhanced Record button** records the previous 1 minute of the current telephone conversation.
 - To record the previous 1 minute of telephone conversation, press 前から録音 (Enhanced record).
 - To stop recording, press ^{ストップ} (stop)
- 15 Volume buttons** adjust the volume.
Resolution buttons select the resolution when faxing or copying.
Search buttons
- 16 Tone button** switches to tone dialing.
- 17 Sharp button**
- 18 Intercom button**
- 19 Monitor button**
- 20 Hold button**
Call/Fax List button starts a search in
 - the Number Display (Caller ID) log.
 - the fax list stored in memory.**Call/Fax List** indicator lights when
 - a call was missed. (For Number Display service users.)
 - a fax was stored in memory.

Finding the controls

Portable handset (KX-FKN526)

How to use 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.

-  外線 ● To make/answer calls.

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

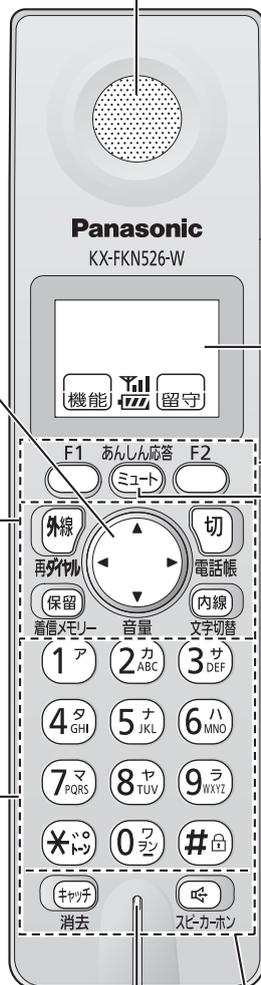
-  保留 ● To put a call on hold.
-  着信メモリー ● To start a search in the Number Display log. (For Number Display service users.)

-  内線 文字切替 ● To page the main unit and/or portable handset(s).
- To change the character input mode.

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.

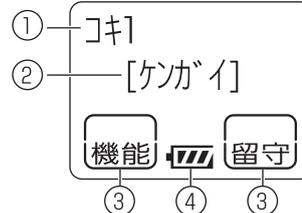
Earpiece



Microphone

(Do not cover the microphone while talking.)

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

How to use buttons

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

あんしん応答
ミュート

Secure button

- While the portable handset is ringing, press this button. The portable handset announces a message to the caller. The message is announced in Japanese and means "This unit is currently set to Caller Verifying mode. Could you please speak out your name?".

- To talk to the caller, press .
- To hang up, press .

Mute button

- To mute your voice to the other party by pressing this button. (To release the mute, press this button again.)

キヤッチ
消去

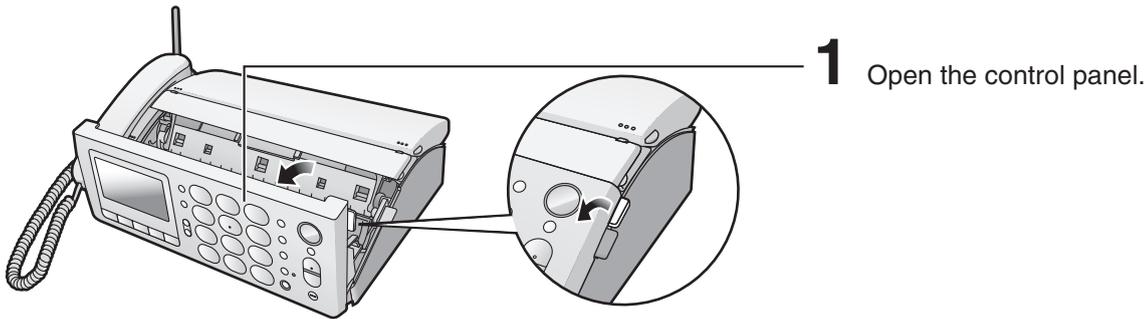
- For call waiting service users.
- To clear letters/numbers.

スピーカホン

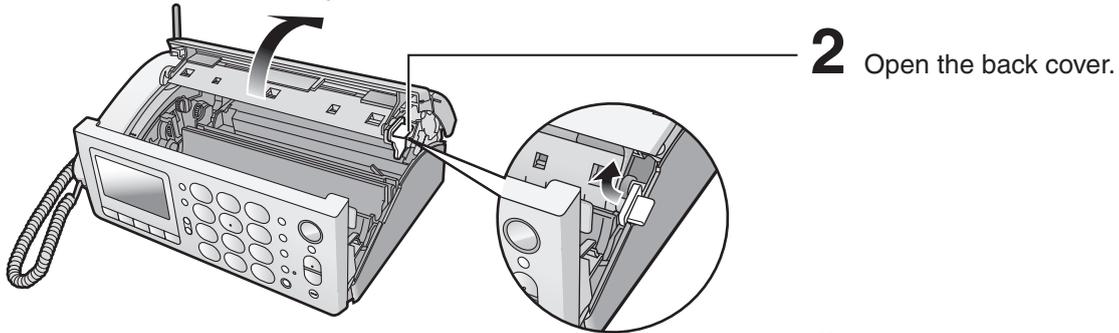
- To use the speakerphone.

Installations and connections

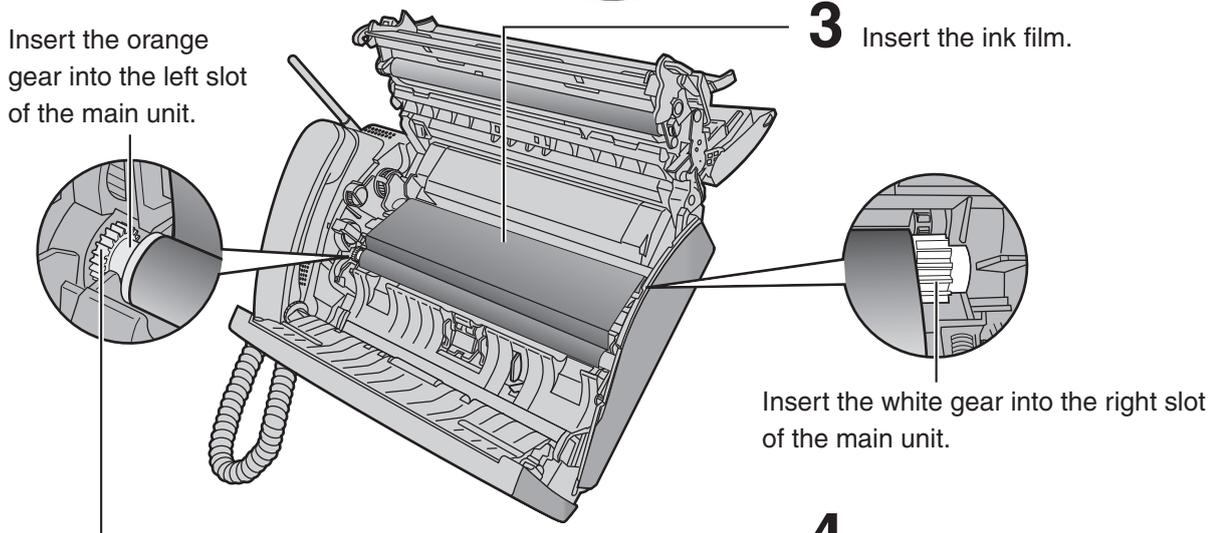
Installing the ink film



1 Open the control panel.

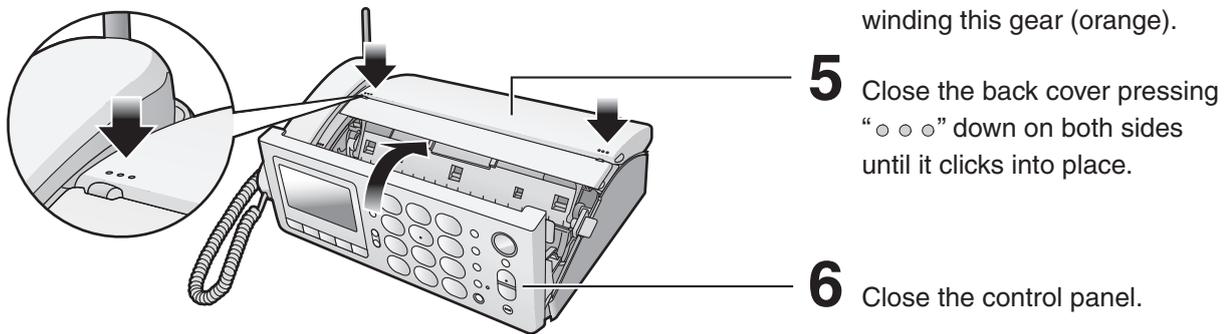


2 Open the back cover.



3 Insert the ink film.

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



5 Close the back cover pressing “○○○” down on both sides until it clicks into place.

6 Close the control panel.

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

フィルムカ ナクナリマシタ
 コウカン シテクダサイ U23
 ヒンバシ:KX-FAN190

Install a new ink film.

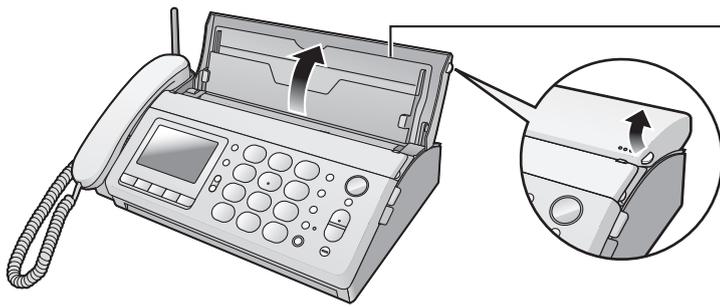
Replacement ink film:	
KX-FAN190 (15 m)	¥714
KX-FAN190W (15 m X 2)	¥1,208
KX-FAN191 (15 m) (*1)	¥893
KX-FAN191W (15 m X 2) (*1)	¥1,523

*1 KX-FAN191/KX-FAN191W leaves a fainter print trail on the film than does the KX-FAN190/190W.

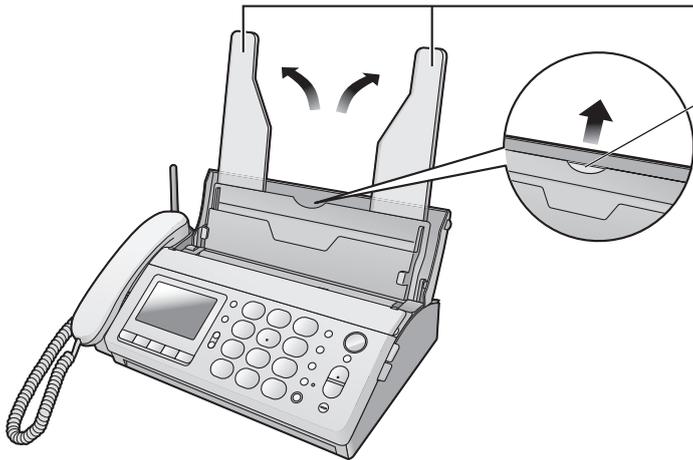
· As of January 2010. · Tax included.

Installations and connections

Installing recording paper (A4 size)

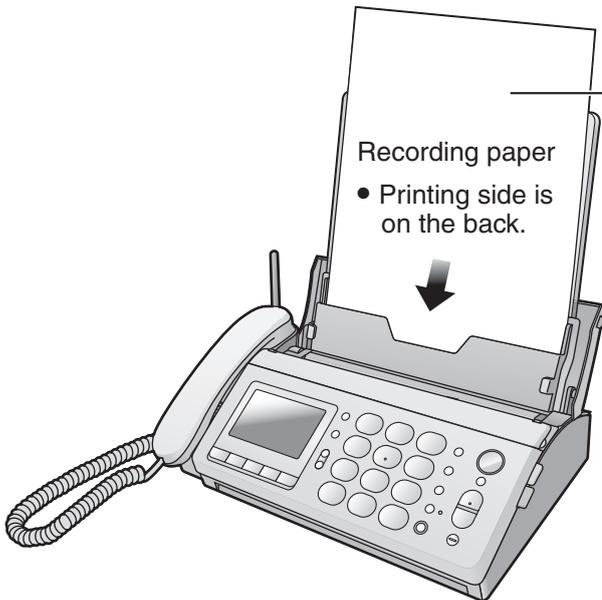


1 Open the recording paper tray.



2 Set up the recording paper stands.

Pull out the front stand first.

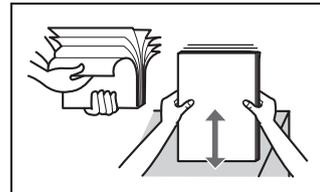


Recording paper

- Printing side is on the back.

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.

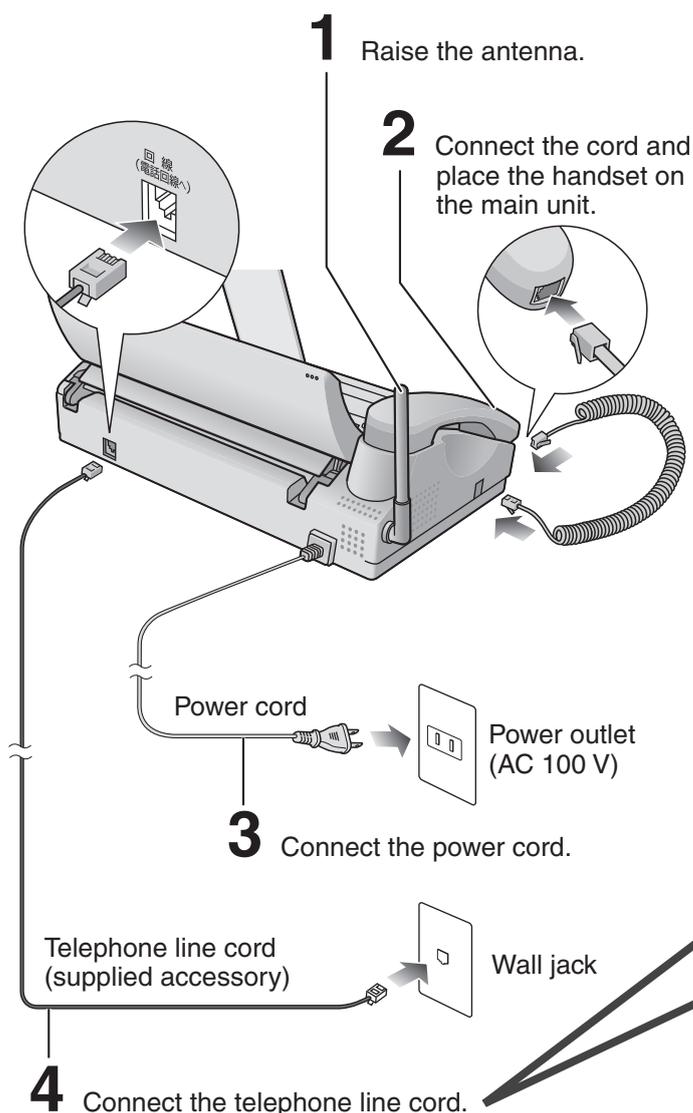


② Close the recording paper tray.



Installations and connections

Connecting the main unit



After the Connecting...

① This unit will automatically select the dialing mode (Pulse/Tone).

② When the following is displayed, press

機能/決定 (Function/Set) to set the date and time.

ヒツケ・ジコクヲ
セツテイ スルニハ
[キノウ]オス

③ Enter the correct year/month/day.

Example: October 1, 2010

Press 2 0 1 0 1 0 0 1.

ヒツケ・ジコクノ セツテイ
2010年10月01日
00:00 [ケツテイ]オス

④ Enter the correct hour/minute in a 24-hour clock entry.

Example: 15:45 (3:45 PM)

Press 1 5 4 5.

ヒツケ・ジコクノ セツテイ
2010年10月01日
15:45 [ケツテイ]オス

⑤ Press 機能/決定 (Function/Set).

⑥ When the following is displayed, press ストップ (Stop).

エラソテ ケータイノ セツテイ

↓ If you cannot make a call...

Set the dialing mode with the main unit.

1. Press 機能/決定 (Function/Set).

2. Press # 0 7 9, then press 機能/決定 (Function/Set).

3. Press (Search button) repeatedly until the desired setting is selected.

Example :

カイセシ シュハツ
ジドウ

● アップシユ : Tone

4. Press 機能/決定 (Function/Set). 20 : Pulse (20 PPS)
10 : Pulse (10 PPS)

5. Press ストップ (Stop). ジドウ : Auto (Default)

■ To adjust the date and time

1. Press 機能/決定 (Function/Set).

2. Press # 0 0 1, then press 機能/決定 (Function/Set).

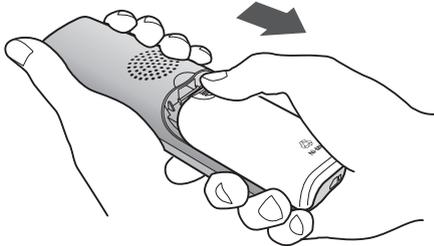
3. Enter the correct year/month/day/hour/minute.

4. Press 機能/決定 (Function/Set), then press ストップ (Stop).

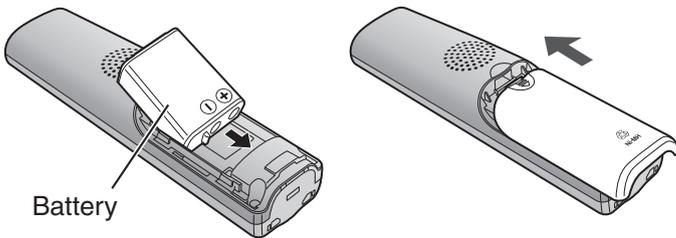
Installations and connections

Setting up the portable handset (KX-FKN526)

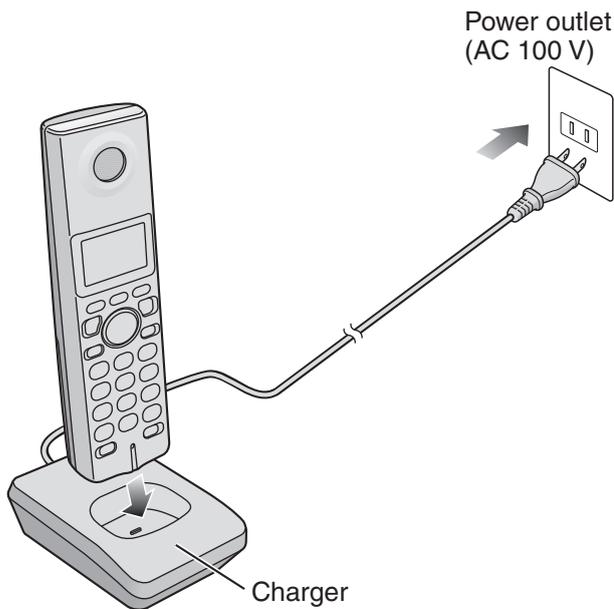
1 Press  on the battery cover and slide the cover.



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

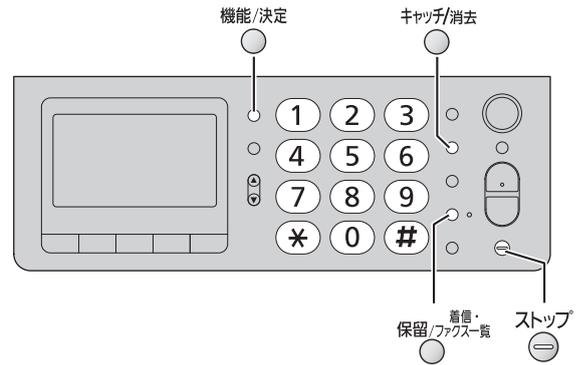


3 Connect the charger to the power outlet, then place the portable handset on the charger for about **10 hours**.



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

Setting your facsimile telephone number



1 Press  (Function/Set).

キヨ トウロク モード

2 Press    .

アナタノ テンバシヨウ

3 Press  (Function/Set).

アナタノ テンバシヨウ?

4 Enter your facsimile telephone number, up to 20 digits.

Example: +098 7654..

アナタノ テンバシヨウ?
+098 7654..

- To correct a mistake, press  (Flash/Erase).
- The  button replaces the digit with a space.
- The  (Tone) button replaces the digit with “+”.

5 Press  (Function/Set).

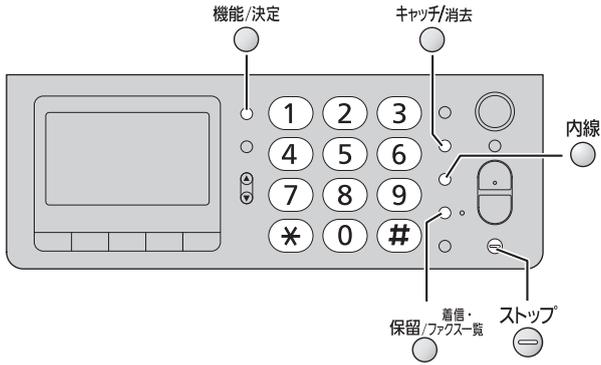
トウロク シマシタ



アナタノ テンバシヨウ

6 Press  (Stop).

Setting your logo



1 Press (Function/Set).

キノ トウロク モード

2 Press .

あなたノ ナマイ

3 Press (Function/Set).

あなたノ ナマイ? [カナ]

Cursor

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

- To enter English characters easily, press (Intercom) repeatedly and select "AB" (English and sign input mode).
- For details, see the table on page 9 for instructions.

Example: Micah

1. Press once.

あなたノ ナマイ? [AB]
M

Cursor

2. Press six times.

あなたノ ナマイ? [AB]
Mi

3. Press six times.

あなたノ ナマイ? [AB]
Mic

4. Press to move the cursor to the next space, then press four times.

あなたノ ナマイ? [AB]
Mica

5. Press five times.

あなたノ ナマイ? [AB]
Micah

5 Press (Function/Set).

トウロク シマシタ



あなたノ ナマイ

6 Press (Stop).

Character input and command key table

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

Character		Katakana	English and signs	Numbers
Display of the main unit and the portable handset		[カ]	[AB]	[12]
Dial key				
(Main unit) ①	(Portable handset KX-FKN526) ①	アイウエオ アイウエオ	@ . _ - & \$ ¥ % + = ~ ^	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	タチツテトツ	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	ヤユヨヤユヨ	T U V t u v	8
⑨	⑨	ラリルレロ	W X Y Z w x y z	9
⑩	⑩	ワヨンー!?()	! ? / - * # , ; : · ' " () [] { } < > 「 」	0
✳	✳	ゝ っ っ っ	、 。	
Command keys		内線 ○ (Main unit), 内線 文字切替 (Portable handset)	Used to change the character input mode.	
		Ⓜ (Main unit)	Used to move the cursor to the right.	
		⏪ (Portable handset)	Used to move the cursor to the left and right.	
		キャッチ/消去 ○ (Main unit), キャッチ 消去 (Portable handset)	Used to delete a character.	
		保留/ファクス一覧 ○ (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.

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	機能/決定 → # 0 2 1 → 機能/決定 → (Select “ナシ”) → 機能/決定 → ストップ
Copy	機能/決定 → # 0 2 1 → 機能/決定 → (Select “ナシ”) → 機能/決定 → ストップ
Store phone numbers in the one-touch dialers	機能/決定 → # 1 6 7 → 機能/決定 → (Select “ナシ”) → 機能/決定 → ストップ
Make a call using the phonebook/redial/call memory	機能/決定 → # 1 6 7 → 機能/決定 → (Select “ナシ”) → 機能/決定 → ストップ
Change a ink film	機能/決定 → # 1 7 3 → 機能/決定 → (Select “ナシ”) → 機能/決定 → ストップ
Print fax documents from the main unit memory	機能/決定 → # 1 7 7 → 機能/決定 → (Select “ナシ”) → 機能/決定 → ストップ

Reading-out dial

The unit announces the number dialed in Japanese, when you make a call with the main unit.

• To cancel the reading-out dial



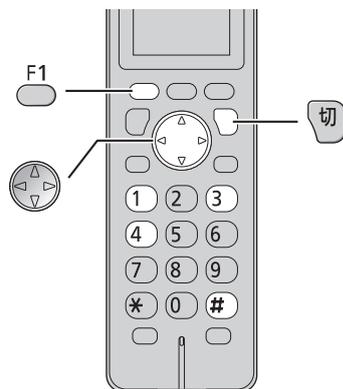
Automatic dialing on the main unit

Storing names and telephone numbers in the phonebook

To use the phonebook on the main unit, you need to transfer the stored phonebook of the portable handset to the main unit. (You cannot store directly in the phonebook on the main unit.)

Store names and telephone numbers in the portable handset phonebook before using this feature (see page 13).

Transferring the phonebook entries from the portable handset to the main unit



1 Press **F1**.

2 Press **# 1 4 3**.

テノワチョウ テノウ

3 Press **F1**.

テノウサキ=オヤキ
センタクハ[◀,▶]オス

4 Press **F1**.

5 ■ To transfer a stored phonebook entry individually

① Press **F1**.

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

③ Press **F1**.

● To transfer other names, repeat steps ② and ③.

④ After the “テノウ シマシタ” (Transfer complete) is displayed, press **切** (Off).

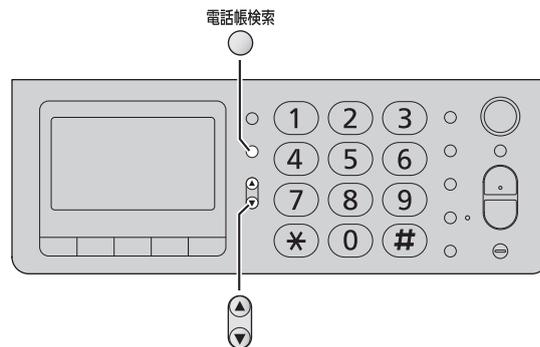
■ To transfer all of the stored phonebook entries

① Press **(Search button)** repeatedly to select “テノワチョウ=イッサイ” (Transfer all).

② Press **F1** twice.

③ After the “テノウ シマシタ” (Transfer complete) is displayed, press **切** (Off).

Making a voice call using the phonebook

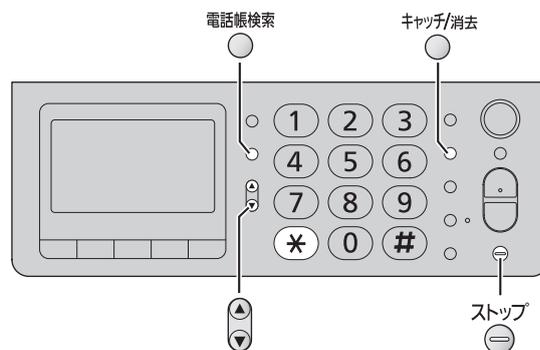


1 Press **電話帳検索** (Phonebook).

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

3 Lift the handset.

Erasing a stored name and number in the phonebook



1 Press **電話帳検索** (Phonebook).

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

3 Press **キヤッチ/消去** (Flash/Erase).

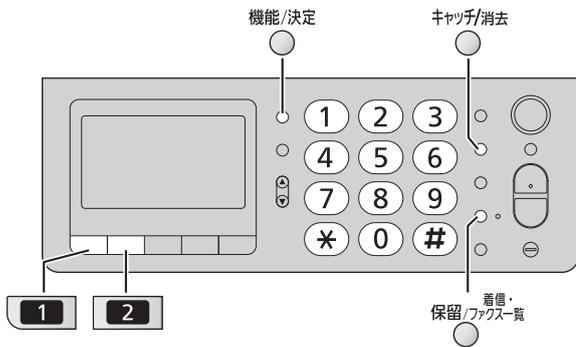
4 Press *****.

5 Press **ストップ** (Stop).

Automatic dialing on the main unit

Storing telephone numbers in the one-touch dialers

You can store a telephone number in each one-touch dialer.



1 Press  (Function/Set).

キノウ トウロク モード

2 Press the one-touch dialer ( or ).

Example: one-touch dialer 1

One-touch dialer number

ワンタッチ 1
トウロク カイジシマス



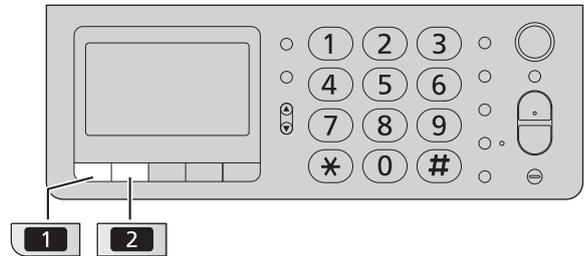
バンコウ?

3 Enter the telephone number, up to 24 digits.

- To correct a mistake, press  (Flash/Erase).
- The  (Hold/Call/Fax list) button replaces the digit with a space.

4 Press  (Function/Set).

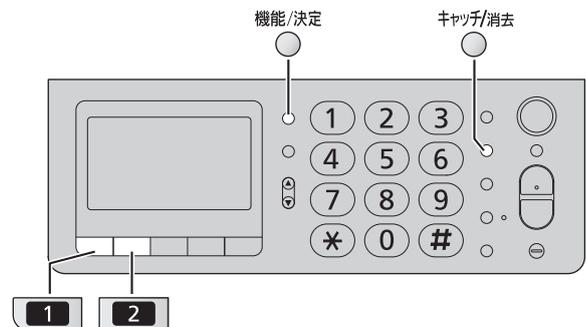
Making a voice call using the one-touch dialer



1 Lift the handset.

2 Press the one-touch dialer ( or ).

Erasing a stored number in the one-touch dialer



1 Press  (Function/Set).

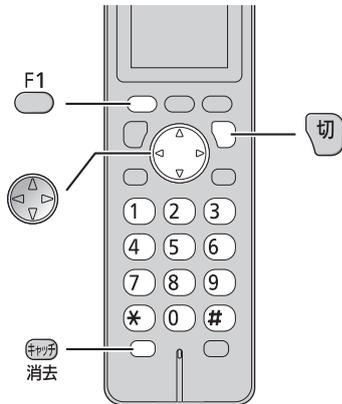
2 Press the one-touch dialer ( or ).

3 Press  (Flash/Erase).

4 Press  (Function/Set).

Automatic dialing on the portable handset (KX-FKN526)

Storing names and telephone numbers in the phonebook



1 Press  電話帳 (Phonebook).

ケンサクハ[▼,▲]オス
トウロクハ[F1]オス

2 Press .

- “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 ×××ケン

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

4 Press .

5 Enter the telephone number, up to 24 digits.

- To correct a mistake, press  (Flash/Erase).

6 Press .

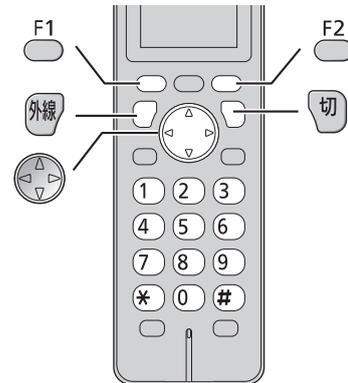
7 Enter the group number (① to ⑨).

8 Press .

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

9 Press  (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  (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 .

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 .

6 Enter the correct telephone number.

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

7 Press .

8 Edit the group number.

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

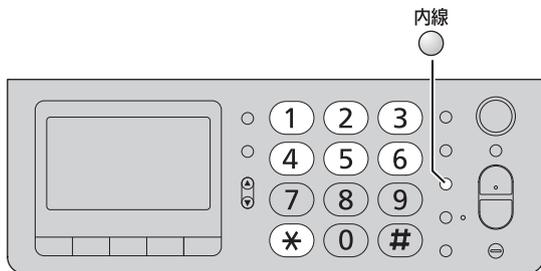
9 Press .

10 Press  (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

- ① Lift the handset.

ハンゴウ?

- ② Press  (Intercom).

コキ1 ヨビダシ チュウ

■ For multiple portable handset users

- ① Lift the handset.

- ② Press  (Intercom).

- ③ Call the portable handset(s) in the following ways:

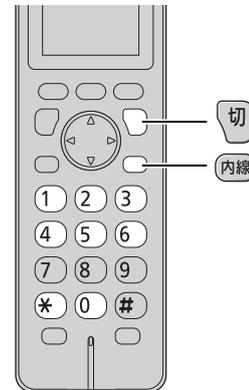
- To call a specific portable handset, press the portable handset number ( to ) which you want to call.
- To call all the portable handsets, press .

2 Start talking.

Example : コキ1 ナイセツウワ チュウ

3 Replace the handset to end the intercom call.

Using the portable handset (KX-FKN526):



1 ■ For single portable handset users

- Press  (Intercom).

■ For multiple portable handset users

- ① Press  (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 ( to ) which you want to call.
- To call the main unit, press .
- To call the main unit and all the portable handsets, press .

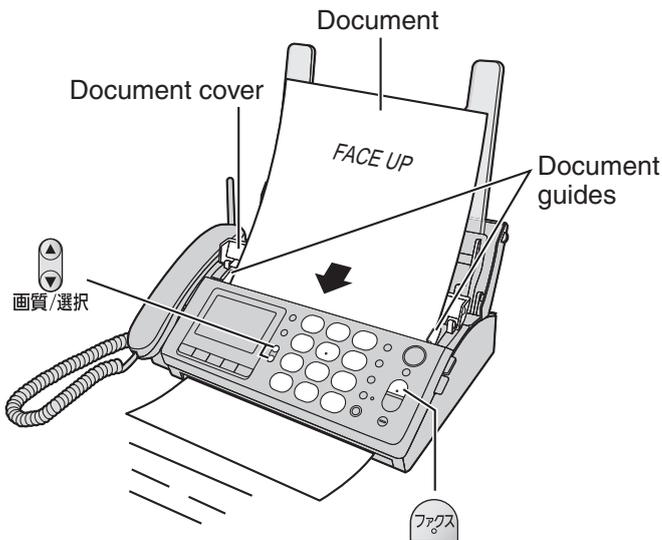
2 Start talking.

ナイセツウワ チュウ

3 Press (Off) to end the intercom call.

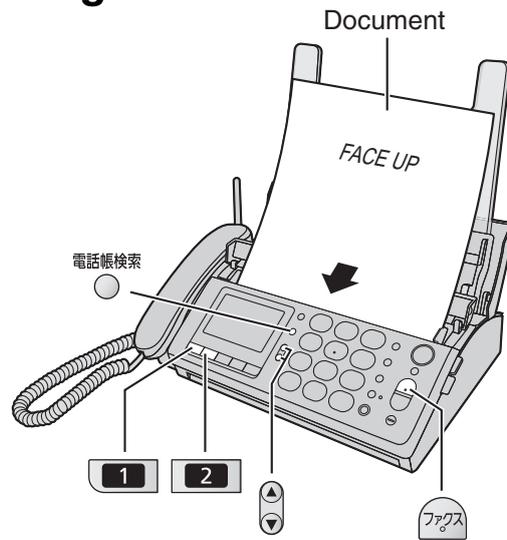
Sending faxes

Sending a fax manually



- 1 Open the document cover, and adjust the width of the document guides 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, press  (Resolution/Search button) repeatedly to select the desired resolution while “カ`シツ=” is displayed (see below).
- 4 Press  (Fax).
- 5 Dial the fax number.
- 6 Press  (Fax).
 - The unit will start fax transmission.

Sending a fax using automatic dialing



Using the phonebook

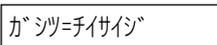
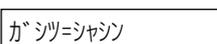
- 1 Insert the document (up to 5 pages) FACE UP until a single beep is heard.
- 2 Press  (Phonebook).
- 3 Press  (Search button) repeatedly until the desired name is displayed.
- 4 Press  (Fax).
 - The unit will start fax transmission.

Using the one-touch dialer

- 1 Insert the document (up to 5 pages) FACE UP until a single beep is heard.
- 2 Press the one-touch dialer ( or ).
 - The unit will start fax transmission.

To select the resolution

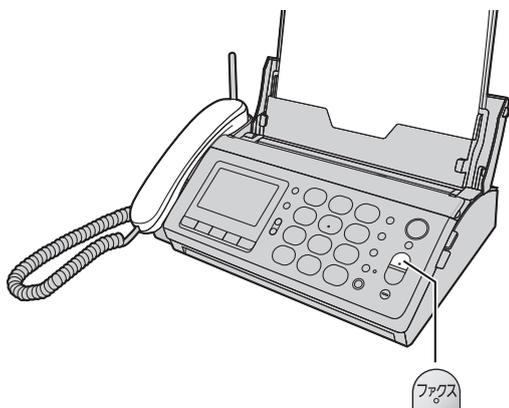
Select the desired resolution according to the type of document, by pressing  repeatedly while “カ`シツ=” is displayed.

- | | |
|--|---|
|  | (Standard) for printed or typewritten originals with normal-sized characters. |
|  | (Fine) for originals with minute printing. |
|  | (Photo) for originals containing photographs. |

Receiving faxes

Receiving a fax manually (AUTO ANSWER off)

Using the main unit:

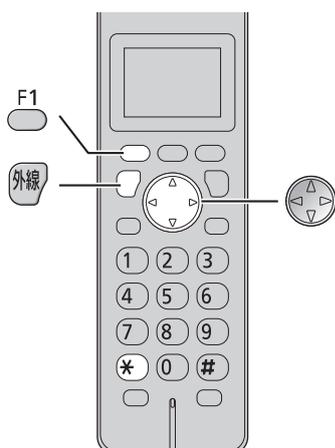


1 When you hear a ring, lift the handset to answer the call.

2 When:
– document reception is required,
– a fax calling tone (slow beep) is heard, or
– no sound is heard,
press  (Fax), then replace the handset.

- The unit will start fax reception.

Using the portable handset (KX-FKN526):



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

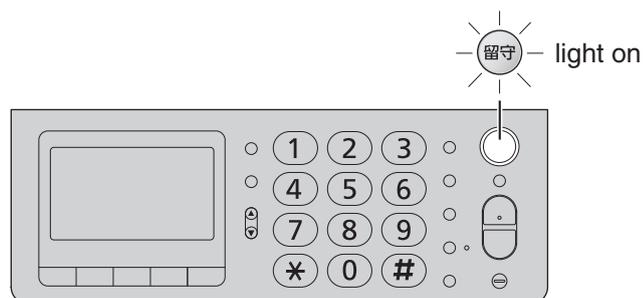
2 When:
– document reception is required,
– a fax calling tone (slow beep) is heard, or
– no sound is heard,
press .

3 Press  (Search button) repeatedly until the “ファクス ジョイント” is displayed, then press .

4 Press .

- The main unit will start fax reception.

Receiving a fax automatically (AUTO ANSWER on)

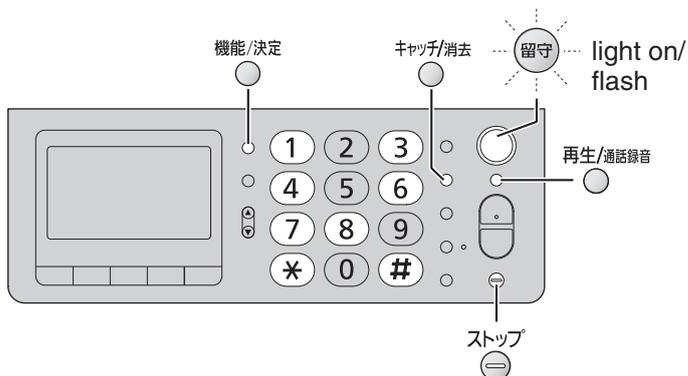


1 If the  (Auto answer) light is off, turn it on by pressing .

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/決定** (Function/Set).

2 Press **# 1 4 7**.

ジ`サク オウトウ ロクオン

3 Press **機能/決定** (Function/Set).

4 Lift the handset.

5 Press **機能/決定** (Function/Set) and speak your greeting message after a beep, up to 16 seconds, to the handset.

6 Press **ストップ** (Stop) and replace the handset.
• Your greeting message will be played back automatically.

Erasing your own greeting message

1 Press **機能/決定** (Function/Set).

2 Press **# 1 4 8**.

ジ`サク オウトウ ショウキョ

3 Press **機能/決定** (Function/Set).

4 Press *****.

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

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 left.

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 シマスカ?
ハイ=* イイエ=#

Listening to all of the recorded messages

Press **再生/通話録音** (Playback) when new messages are not recorded.

• When new messages are recorded, only the new messages will be played back.

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

■ To erase the messages, press *****.

■ To save the messages, press **#**.

スハ`テ
ショウキョ シマスカ?
ハイ=* イイエ=#

Erasing a specific message

Press **キャッチ/消去** (Flash/Eraser) while listening to the message you want to erase, then press *****.

Erasing all of the recorded messages

1 Press **機能/決定** (Function/Set).

2 Press **# 1 6 3**.

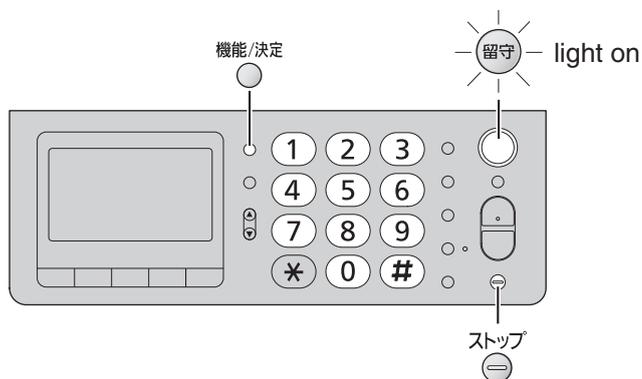
ヨウケン ゼン`ショウキョ

3 Press **機能/決定** (Function/Set).

4 Press *****.

Operating the built-in answering device

Operating the answering device from a remote location



Preparation: Programming the remote operation ID

1. Press **機能/決定** (Function/Set).
2. Press **# 0 0 6**, then press **機能/決定** (Function/Set).
3. Enter any 4-digit number (remote operation ID) except * or #.

Example :

ルステ ^ン アンショウ No. ? 1234

4. Press **機能/決定** (Function/Set).
5. Press **ストップ** (Stop).

Operation: Listening to a recorded message from a remote location

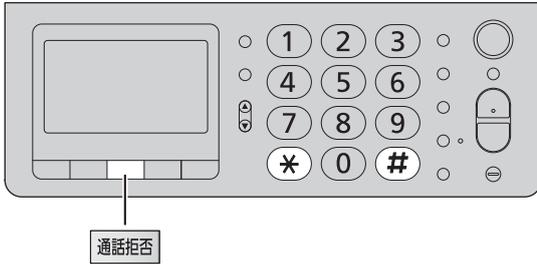
Turn the **留守** (Auto answer) light on before you go out. Remote operations are available only from a touch tone telephone.

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**.

Call block

Blocking the incoming calls

Using the main unit:



To block a call using a message

While the unit is ringing, press **通話拒否** (Block).

OR

While you are on an incoming call, press **通話拒否** (Block), then press *****.

- The unit announces a message to the caller 2 times, 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 **通話拒否** (Block).
- 2 Press **#**.
 - Chimes are heard by the caller.
- 3 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 phone number is blocked by service provider. Please call again with adding ‘186’ to the beginning of the phone 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, press *****.

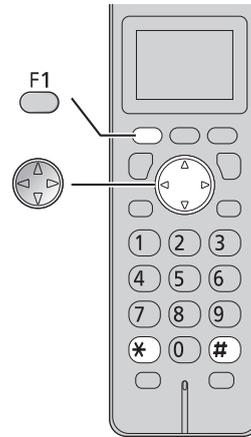
- To cancel blocking, press **#**.

メイワク セツテイ
シマスカ?
ハイ=* イイイ=#

- When the following is displayed, press **#** to cancel.

キヨビ セツテイ
シマスカ?
ハイ=* イイイ=#

Using the portable handset (KX-FKN526):



- 1 While the unit is ringing, press **F1**.

OR

While you are on an incoming call, press **F1**, then press **Search** (Search button) repeatedly until the “ツウワ キヨビ” is displayed.

- 2 Press **F1**.

- The unit announces a message to the caller 2 times, then hangs up automatically. The message is announced in Japanese and means “We’re sorry, but your call cannot be connected.”

Using the portable handset:

- To block the call, press *****.

- To cancel blocking, press **#**.

メイワク セツテイ?
ハイ=* イイイ=#

- When the following is displayed, press **#** to cancel.

キヨビ セツテイ?
ハイ=* イイイ=#

Specifications

KX-PW320DL KX-PW320DW	Main unit	Portable handset (KX-FKN526)	Battery charger
Power supply	AC 100 V (50 Hz/60 Hz)	Ni-MH battery (Part no. KX-FAN51) DC 3.6 V, 650 mAh	AC 100 V (50 Hz/60 Hz)
Power consumption	Transmission: Approx. 10 W Reception: Approx. 15 W Copy: Approx. 16 W Stand by: Approx. 0.6 W (When the F-net service is not in use.) Maximum(*1): Approx. 130 W	/	<ul style="list-style-type: none"> • Charging: Approx. 1.2 W • Stand by: Approx. 0.5 W (When the portable handset is off the charger.)
Dimensions (H x W x D)	Approx. 86 X 296 X 191 mm (without handset, projections) Approx. 265 X 296 X 231 mm (recording paper tray opened, without handset, projections)	Approx. 171 X 44.5 X 33.5 mm	Approx. 34 X 72.5 X 100.5 mm
Mass (Weight)	Approx. 2.4 kg (10 m ink film installed)	Approx. 157 g (battery installed)	Approx. 160 g
Operating environment	5 °C – 35 °C, 45 % – 85 % RH (Relative Humidity)		

KX-PW320DL KX-PW320DW	Main unit
Applicable line	Public Switch Telephone Network (Pulse/Tone), F-Net, NCC Lines
DC resistance	275 Ω
Compatibility	G3 compatible
Document size	A4–A5 (Max. 210 mm in width, Max.530 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 (up to 16 sec) Pre-recording greeting message ICM Recording: Digital recording system (Approx. 12 min. in total) (*3)
Memory capacity	Max. Approx. 50 pages (Only receiving fax etc.) (*4) Max. Approx. 12 min. (Only recording message) (*3)

*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 If there is a silent pause, the total recording time will be longer.

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