



#### Facsimile

## **Quick Reference Guide**



## Model No. KX-PD381DLE8 KX-PD381DWE8

Main unit: KX-PD381 Portable handset: KX-FKD502

Thank you for purchasing a Panasonic product.

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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-PD381DLE8 includes 1 portable handset and 1 main unit. KX-PD381DWE8 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**



2 Function/Set button

To register a function or apply a setting.

- 3 Caller ID Log/Fax Print button starts a search in
  - the Number Display (Caller ID) log.
  - the fax list stored in memory.
  - printing a fax.
- 4 Caller ID Log/Fax Print indicator lights when
  - a call was missed. (For Number Display service users.)
  - a fax was 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, press <sup>再生/通話録音</sup> (Playback/Record) → # (Cancel the
    - precaution voice message).
  - <sup>プ</sup> (Stop). ■ To stop recording, press
- 8 Fax button starts faxing.
- 9 Copy button starts copying.
- 10 Stop button
- 11 One-touch Dial buttons
- 12 Block button for undesired calls
  - Redial button

To redial the telephone numbers in the redial list. The last 10 telephone numbers dialed are stored in memory.

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 (×).

- 1 minute of the current telephone conversation.
  - To record the previous 1 minute of telephone conversation, press 前小G錄音 (Enhanced record).
- To stop recording, press  $\bigcap^{\lambda \vdash y j}$  (Stop).
- Window sensor button

#### 15 Phonebook button

To use the phonebook.

#### 16 Volume control button

To adjust the volume (see below).

To adjust the ringer volume when the unit is on → <sup>機能/決定</sup> (Function/Set) → () (press repeatedly) → (Stop). ■ To adjust the **receiver volume** while talking, press 音量 repeatedly. To adjust the speaker volume while listening to the recorded messages or using the monitor, press 音量 repeatedly.

Resolution button selects the resolution when faxing or copying.

Select button

- 17 **Tone** button switches to tone dialing.
- 18 Sharp button
- 19 Monitor button
- 20 Hold/Intercom button

### **Finding the controls**

### Portable handset (KX-FKD502)



### Installations and connections

### Installing the ink film



Install a new ink film.

Replacement ink film:	
<b>KX-FAN190</b> (15 m)	¥714
<b>KX-FAN190W</b> (15 m x 2)	¥1,208
<b>KX-FAN191</b> (15 m)*1	¥893
<b>KX-FAN191W</b> (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 October 2011
 • Tax included

## Installations and connections

### Installing recording paper (A4 size)



#### Folding the recording paper tray

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



2 Close the recording paper tray.







4. Press

2. Press

(Function/Set).

# Installations and connections

## Setting up the portable handset (KX-FKD502)

Press 👳 on the battery cover and slide the cover off.



**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 fax telephone number



## Setting your logo

• For details, see the table on page 9 for instructions.



[AB]

[AB]

[AB]

[AB]

[AB]

## Character input and command key table

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

Cha	Character Hiragana*1 Katakana Alphab		abets	Numbers		
Display of the main unit and the portable handset [漢] [肋]		[A	B]	[12]		
/ Main \	Portable					
( unit )	KX-FKD502	キシンシン	フノムエナ			
1	<b>1</b> <sup>®</sup>	のいつんの あいうえお	アイワエオ	@	& \$ ¥ %	1
(2)	(2,7) 2,8c	かきくけこ	カキクケコ	ABCa	bс	2
(3)	(3 <sup>č</sup> )	さしすせそ	サシスセソ	DEFd	e f	3
4		たちつてとっ	タチツテトッ	GHIg	h i	4
5	<b>5</b> <sup>2</sup> / <sub>20</sub>	なにぬねの	ナニヌネノ	JKLj	k I	5
6		はひふへほ	ハヒフヘホ	MNOm	no	6
7	<b>7</b> rors	まみむめも	マミムメモ	PQRS	pqrs	7
8	(8 <sup>th</sup> TUV	やゆよゃゅょ	ヤユヨャュョ	TUVt	u v	8
9	9è	らりるれろ	ラリルレロ	WXYZ	wхуz	9
0		わをんー	ワヲンー	!?/— : .," ()[]	*#,; {}<>「」	0
*	×:)	°° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °		<b>、</b> 0		
		<sup>再生/通話錄音</sup> (Main unit),	F1 (Portable han	dset)	Used to ch input mode	ange the character e.
		(Main unit)* <sup>2</sup> ,	(Portable han	dset)	Used to mail left and rig	ove the cursor to the ht.
Command keys		<sup>キャッチ/消去</sup> (Main unit),	F3 (Portable handset) Used to d To delete cursor and press this or more.		Used to de To delete t cursor and press this or more.	elete a character. he character on the l one(s) to its right, button for 2 seconds
		保留/内線 (Main unit),	(Portable han	dset)	Used to in:	sert a space.

\*1 Only for the portable handset KX-FKD502.

\*2 On the main unit, the cursor cannot be moved to the left.

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

### **Operation guide**

The unit starts the following voice guidance in Japanese:

Operations	To cancel the operation guide (using the main unit)	
Send a fax		
Сору		
Store telephone numbers in the one-touch dialers		
Make a call using the phonebook/ redial/one-touch dialer/caller ID log	$ \overset{\text{\tiny (\#l/;kc})}{\longrightarrow} \overset{\text{\tiny (\#l/;kc)}}{\longrightarrow} \text$	
Print fax documents from the memory		
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



### Automatic dialing on the main unit

# Storing names and telephone numbers in the phonebook

You cannot store directly in the phonebook of the main unit. You need to transfer the stored phonebook of the portable handset to the main unit.

For storing the phonebook entries of the portable handset, see page 13.

To transfer a phonebook entries from the portable handset to the main unit



## Making a voice call using the phonebook



# Erasing a stored name and number in the phonebook



### Automatic dialing on the main unit

# Storing telephone numbers in the one-touch dialer



- To correct a mistake, press  $\bigcap^{\pm_{\forall \forall \mathcal{Y}/\#}}$  (Flash/Erase).
- To insert a space, press (Hold/Intercom).
- When the number exceeds 24 digits, an alert sounds.
- 4 Press <sup>機能/決定</sup> (Function/Set).

## Making a voice call using the one-touch dialer



### Automatic dialing on the portable handset (KX-FKD502)

## Storing names and telephone numbers in the phonebook



Press <sup>F2</sup>

検索は
122210
[▼.▲]押す

- **2** Press <sup>F2</sup>
  - "XXX" shows the number of remaining stations you can store.
- 名前? 空き XXX件
- 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 9 for instructions).
- $\mathbf{4}_{\text{Press}}$  twice.
- **5** Enter the telephone number, up to 24 digits.
  - To correct a mistake, press
- 6 Press \_\_\_\_\_.
- **7** Press (Search button) to select a group.
- **Q** <sub>E2</sub>
- 8 Press <sup>F2</sup>/<sub>-</sub>.
   To store other items, repeat steps 3 to 8.
- **9** Press \_ (Off) to exit.

# Making a voice call using the phonebook



**14** Press 切 (Off) to exit.

### Automatic dialing on the portable handset (KX-FKD502)

## Storing names and telephone numbers in the one-touch dialer

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



Press \_\_\_\_.

**2** Press the one-touch dial button  $\begin{pmatrix} r & 7 \end{pmatrix} & 9 \end{pmatrix} & r & 7 \end{pmatrix}$ .

Example: One-touch dial button 1

登録は[登録] 押す

1. 未登録

- **3** Press <sup>F2</sup>.
- **4** Press (Search button) to select the desired name from the phonebook.
  - To check the registered items in the phonebook entry, press <sup>F1</sup>→ (Search button) repeatedly to view the name/telephone number/group. (To exit, press <sup>F1</sup>.)
- **5** Press <sup>F2</sup>.

## Making a voice call using the one-touch dialer

Press .

- **2** Press the one-touch dial button (  $1^{77997}$  or  $2^{72997}$  ).
  - 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

Press <sup>F1</sup>.





```
4 Press <sup>F1</sup>.
```

### Intercom

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

#### Using the main unit:

main unit.



#### Using the portable handset (KX-FKD502):



#### ■ For single portable handset users Press <sub>(保留)</sub> (Intercom).

#### For multiple portable handsets users

- ① Press (R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 (\* ).

内線通話中



### Sending faxes

### Sending a fax manually



## Sending a fax using automatic dialing



#### To select the resolution



### **Receiving faxes**



You can select whether to receive faxes on recording paper or in memory.

Receive on	: The received fax will be	
recording paper	printed on recording paper.	
	When the unit runs out of	
	the recording paper or the	
	ink film, the received fax will	
	be stored in the main unit	
	memory.	

```
Receive in memory : The received fax will be
stored in the main unit
memory. To check the
contents, print them. (You
cannot check the contents on
the display.)
```

#### ■ To receive on recording paper

Insert the recording paper into the recording paper tray beforehand.

#### ■ To receive in memory

Remove the recording paper from the recording paper tray.

When new faxes are received in memory, <sup>7/27DR</sup> (Caller ID Log/Fax Print) will light on.

• It will also light on when a call is missed. (For Number Display service users.)

When you want to print the received faxes, insert the recording paper into the recording paper tray, and print them.

## Receiving a fax manually (AUTO ANSWER off)



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

ファクス

- no sound is heard,

press  $(7\pi)$  (Fax), then place the handset on the main unit.

• The unit will start fax reception.

#### Using the portable handset (KX-FKD502):



When you hear a ring, lift the portable handset from the charger, then press  $\frown$  (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 " ファクス受信 " is displayed, then press <sup>F2</sup>.

- **4** Press <sup>F1</sup>.
  - The main unit will start fax reception.

### **Receiving faxes**

### **Receiving a fax automatically** (AUTO ANSWER on)







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

### Printing all the new faxes received in the memory



When new faxes are received in memory, the following will be displayed.

ファクスカ゛	トト゛イテイマス
[チャクシン」	ルキ・ファクスイン
サツ] オス	

You can print all the new faxes.

When not using Number Display Service 音幅歷 Press <sup>7ァクス印刷</sup> (Caller ID Log/Fax Print). When using Number Display Service Press 7 (Caller ID Log/Fax Print), then press (Select button).  $\nabla$ 面質/選択 The total number of stored faxes. (105) ファクス 352 シンキ(\*マーク ケンサクハ [ケッテイ]オス The number of new faxes. 2 Press (Copy). **3** After printing, the following will be displayed. Do you delete the インサツシタ ナイヨウヲ printed contents? ショウキョ シマスカ? • If you want to delete the faxes, press  $(\times)$ . If you want to save the faxes, press (#).

### **Receiving faxes**

## Printing a specific fax stored in memory



## Deleting a specific fax stored in memory



### 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.



### Activating the answering device



displayed.

 $\blacksquare$  To erase the messages, press ( $\times$ ).

サイセイシタ ヨウケンヲ ショウキョ シマスカ? ハイ=米 イイエ=#

 $\blacksquare$  To save the messages, press (#).

20

Press (\*)

erase.

### Operating the built-in answering device

## Listening to all of the recorded messages

Press <sup>#</sup>E/##### (Playback/Record) 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.



- $\blacksquare$  To erase the messages, press  $(\divideontimes)$ .
- $\blacksquare$  To save the messages, press (#).

### Erasing a specific message

Press (Flash/Erase) while listening to the message you want to erase, then press ().

## Erasing all of the recorded messages

Press <sup>機能/決定</sup> (Function/Set).



ヨウケンヲ スヘ゛テ ショウキョ シマスカ? ハイ=<del>X</del> イイエ=#

 $4_{\text{Press}}$ 

## Operating the answering device from a remote location



#### Preparation: Setting the remote operation ID

- 1. Press <sup>機能/決定</sup> (Function/Set).
- 2. Press # 0 0 6.
- 3. Press <sup>機能/決定</sup> (Function/Set).
- Enter any 4-digit number (remote operation ID) except × or #.
  - Example :

```
ルステ゛ン アンショウ No.?
1234
```

5.	Press	機能/決定	(Function/Set).
6.	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.
- Enter the remote operation ID during the greeting message.
- 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.

### 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  $\boxed{331262}$  (Block), then press  $(\times)$ .

• 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

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

### **2** Press **#**.

• Chime is heard by the caller.

 $\mathbf{3}$  Explain to the caller that a visitor came and hang up.

#### Using the portable handset (KX-FKD502):



#### To block a call using a message

While the unit is ringing, press  $\stackrel{F1}{\longrightarrow}$  twice.

OR

While you are on an incoming call,



**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 future calls from the same telephone number.

#### Using the main unit:

- $\blacksquare$  To block the call, press  $\underbrace{\times}$
- $\blacksquare$  To cancel blocking, press (#)
- When the following is displayed, press # to cancel.

メイワク セッテイ
シマスカ?
ハイ=米 イイエ=#
キョド セッティ

シマスカ?

ハイ=米 イイエ=#

### Using the portable handset:

- To block the call, press
- To cancel blocking, press <sup>F2</sup>
- When the following is displayed, press F2 to cancel.

拒否設定 しますか?

## **Specifications**

KX-PD381DLE8 KX-PD381DWE8	Main unit	Portable handset (KX-FKD502)	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 WReception:Approx.15 WCopy:Approx.16 WStandby:Approx.0.5 WMaximum*1:Approx.120 W		<ul> <li>Charging: Approx. 0.8 W</li> <li>Standby: Approx. 0.3 W</li> <li>(When the portable handset is off the charger.)</li> </ul>
Dimensions (H x W x D)	Approx. 86 x 296 x 191 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 (10 m ink film installed)		Approx. 150 g (battery installed)	Approx. 155 g
Operating environment	5 °C – 35 °C, 45 % – 85 % RH (Relative Humidity)		

KX-PD381DLE8 KX-PD381DWE8	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		
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 20 sec.) Pre-recording greeting message ICM Recording: Digital recording system (Approx. 12 min. in total)		
Main unit memory capacity	Max. Approx. 50 pages (Only receiving fax etc.)* <sup>3</sup> Max. Approx. 12 min. (Only recording message)		

\*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).