Panasonic

DECT Portable Station

Operating Instructions

Model KX-TD7580

Contents

English

Deutsch

Français

Nederlands
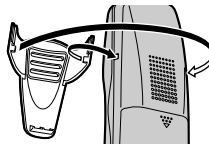
Svensk

Accessories (included)

☐ AC Adaptor

☐ Handset Cover

☐ Charger

☐ Batteries

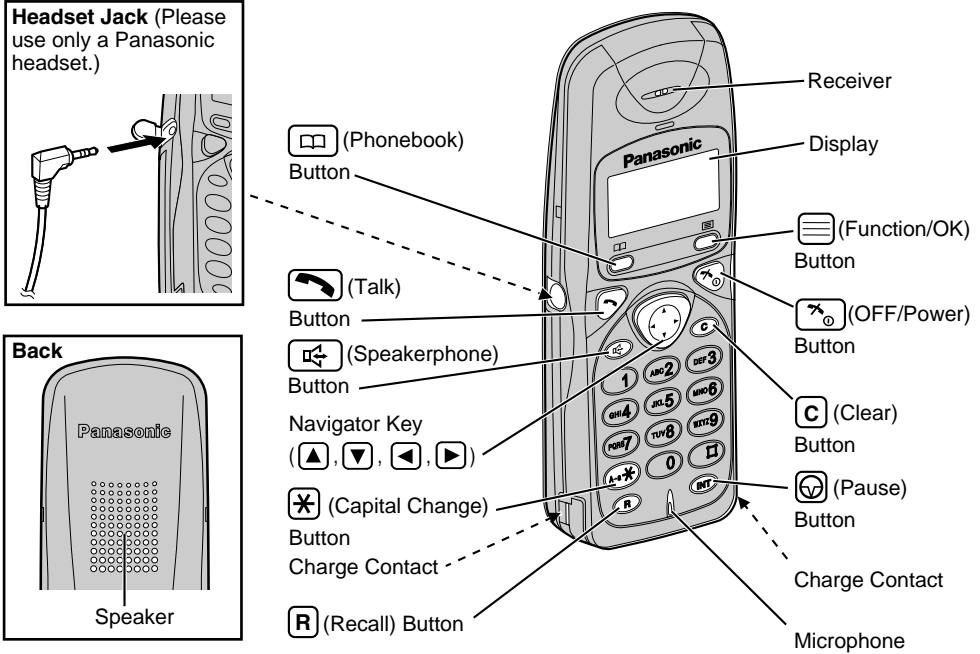☐ Operating Instructions

☐ Belt Clip   *To attach*

– **Thank you for purchasing a DECT Handset (= Portable Station PS).**
– **Charge the battery for about 15 hours before initial use.**
– This manual is designed to be used with your Handset and a Panasonic
  KX-TD816/KX-TD1232 system.
– In this manual, the last letter of each model number is omitted.
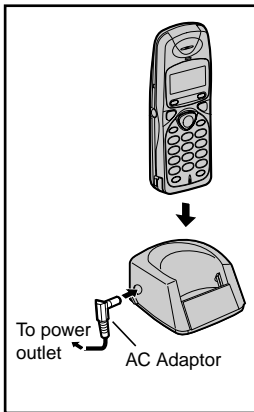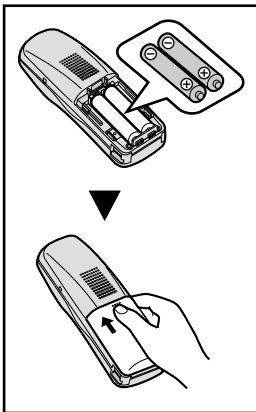
The handset supports the single line telephone (SLT) features.
Please refer to the appropriate section in the User Manual for
the KX-TD816/1232 system to operate the handset.
Some of the features are not available.

Setting Up

Handset (PS)

Headset Jack (Please use only a Panasonic headset.)

Back

Panasonic

Speaker

(Phonebook) Button

(Talk) Button

(Speakerphone) Button

Navigator Key
($\blacktriangle$, $\blacktriangledown$, $\blacktriangleleft$, $\blacktriangleright$)

(Capital Change) Button

Charge Contact

R (Recall) Button

Receiver

Display

(Function/OK) Button

(OFF/Power) Button

C (Clear) Button

(Pause) Button

Charge Contact

Microphone

Insert and charge the batteries for about 15 hours as shown below.

To power outlet   AC Adaptor

Mount the charger securely on the wall.

Use the template below for wall mounting.

Screws

30 mm

30 mm
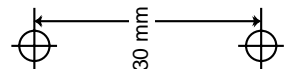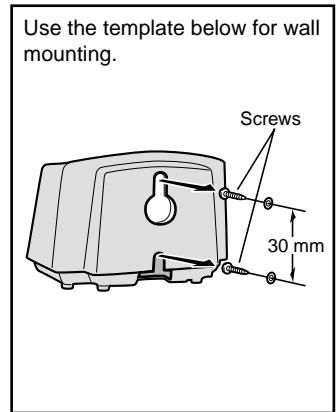
Turning the Power On and Display

To turn the power ON, press and hold $\boxed{\times_\textcircled{0}}$.

Before using the handset, turn the power ON.

```
Base 1 ----------------
   15.05 13:58 ----------
 Y                  (III)
```
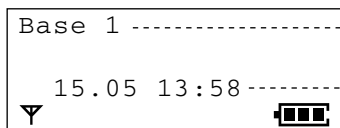
---- The current connected base unit number:
You can choose whether to display the
base unit number, extension number or no
display in the standby mode by
programming (p. 13).

---- The current date and time

- **To turn the power OFF, press and hold $\boxed{\times_\textcircled{0}}$ until a beep sounds.**
- **To change the display language, see page 13.**

```
ABCDEFGHIabcdefg
1234567890123456
 Y  ))   📞        📖  (III)
```

Y **In-range icon**

Displays when the
handset is:

   Y   in range.
   Y   out of range.
(Flashing)

))) **Intercom icon**

Flashes when receiving
the internal call.

📞 **Talk icon**

Displays when:
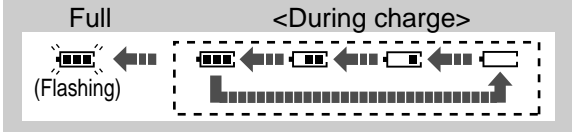
  📞   making or
       answering a call.
  📞   receiving an outside
(Flashing) call.

📖 **Phonebook icon**

Displays when storing
or viewing phonebook
items.

(III) **Battery Strength**

Shows the battery strength.
During charging the battery,
battery icon is as shown below.

Full	<During charge>
(III) ←■■ (Flashing)	(III) ←■■ (■■) ←■■ (■) ←■■ ( )

   (III)   ↑   Fully charged.
  (Flashing)

   (III)   High
   (II)   Medium
   (I)   Low

Characters

P 🔁 is pressed while dialling.
F 🅁 is pressed while dialling.

   (I)   ↓   Needs to be
  (Flashing)   charged.

Operations

◆◆ Basic Calling
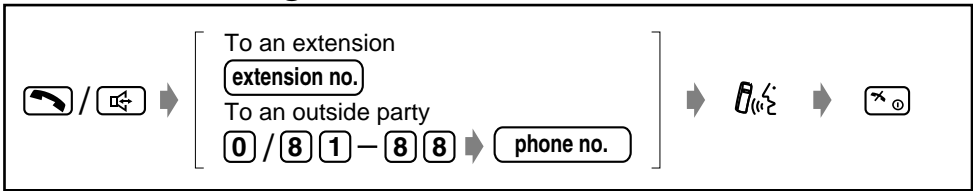
- *While talking, you can switch back and forth between the hands-free phone conversation (press ⌨) and the receiver (press 🕾).*
- ***Predialling :*** *You can dial first, and then go off-hook.*

◆◆ Redialling
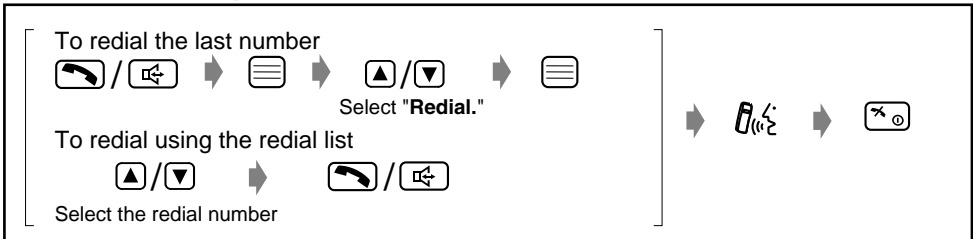
◆◆ Receiving Calls

- ***Quick Answer:*** *If you set the quick answer feature ON (p. 13), you can answer a call by lifting the handset off the charger without pressing a button.*
- *When receiving a call from a caller registered in the phonebook, the caller's name and phone number will appear on the display.*

◆◆ Transferring Calls

Notes
- If you misdial, press ⒞. To cancel, press and hold ⒞ or press ✆ .
- You can also hang up by placing the handset on the charger.

4

◆◆ Tone Signalling

During an outside call, you can transmit tone signals automatically using the keypad (e.g., to control answering system remotely).

While dialling

☰ ➧ ▲/▼ ➧ ☰
Select "**Go to TONE**."

◆◆ Clearing the Number in the Redial Memory

▲/▼ ➧ ☰ ➧

To clear the selected number
▲/▼
Select "**Clear**."

To clear all numbers
▲/▼
Select "**All Clear**."

➧ ▶ ➧ ▲/▼ ➧ ☰

Select the redial number.
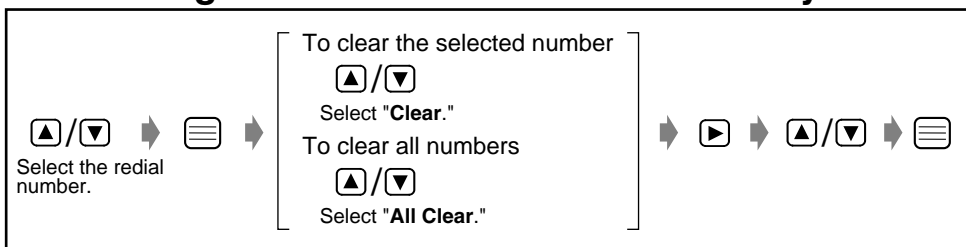
◆◆ Adjusting the Receiver/Speaker Volume

While talking

▲ (to increase) / ▼ (to decrease)
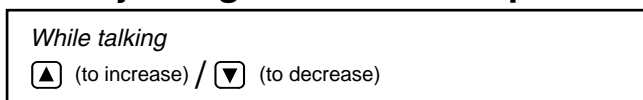
◆◆ Turning the Handset Ringer off Temporarily

While ringing

▼ (press and hold.)
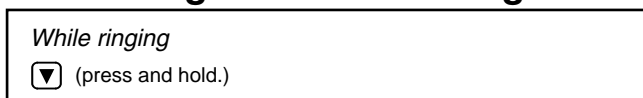
● *The ringer will turn back on for the next call.*
● *This function will not work when the handset is on the charger.*

◆◆ Setting the Key Lock

You can lock the handset dialling buttons. Only incoming calls are accepted until the key lock is cancelled. While locked, "[X]" will be shown on the display.

To set   To cancel

☰ (press and hold.)   ☰ (press and hold.)
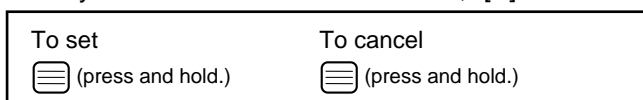
Using the Phonebook

You can store up to 100 names and phone numbers in the phonebook. All phonebook items are sorted by the first word in alphabetical order. Using the phonebook, you can make a call by selecting a name on the display.

- If the phonebook is locked (p. 6), enter the 4-digit handset PIN to go to the phonebook list.
- You can exit the phonebook setting mode anytime by pressing $\boxed{\times_\circ}$.
- When programming is completed, a beep sounds.

◆◆ Using the Private Category Feature
You can select the display backlight colour and ringer type for each private category (p. 13). When receiving a call, you can easily figure out who has called. (For example, Category 1 for family, Category 2 for friends and Category 9 for business.)
If you do not assign an item to any private category number, the handset will ring in the preset ringer type and light in the preset colour when receiving a call.

◆◆ Storing Names and Numbers in the Phonebook

<If required>

☰ ➡ ▲/▼ ➡ ▶ ➡	Handset PIN	➡	name	➡ ☰
Select "**New Phonebook**."*1	Enter the 4-digit handset PIN.		Enter name*2 (max. 16 characters).	

➡	phone no.	➡ ☰ ➡ ▲/▼ ➡ ▶ ➡ ▲/▼ ➡ ☰
	Enter the phone number (max. 24 digits).	Select the desired private category *2 number or OFF. / Select "**Save**."

If a pause is required for dialling, press 🔄 .
A space can be stored in a phone number counting as one digit.
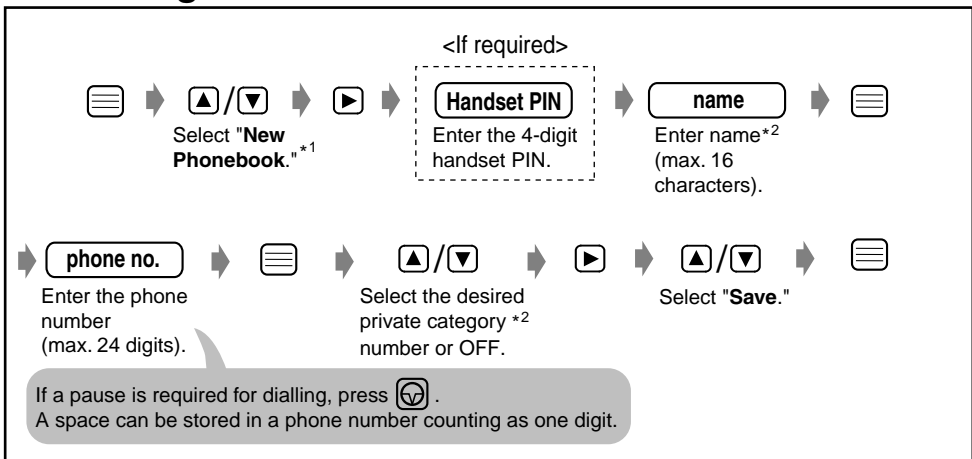
*1 If the display shows "Memory Full," the display will return to the standby mode. Clear other stored items in the phonebook (p. 10).
*2 See the steps for entering names and symbols (p. 7).

◆ Storing a Redial or Predial Number

<Redial number>   <Predial Number>   <If required>

(▲)/(▼) ➡ (▶) ⁞ (phone no.) ➡ (▶) ➡ (▲)/(▼) ➡ (▶) ➡ (Handset PIN)

Select the desired   Enter the desired   Select "**Save**   Enter the 4-digit
redial number.   phone number.   **Phonebook**."   handset PIN.

➡ (name) ➡ ▤ ➡ ▤ ➡ ▤ ➡ (▲)/(▼) ➡ (▶) ➡ (▲)/(▼) ➡ ▤

Enter name*2   Select the desired   Select "**Save**."
(max. 16   private category
characters).   Confirm the number.   number or OFF.
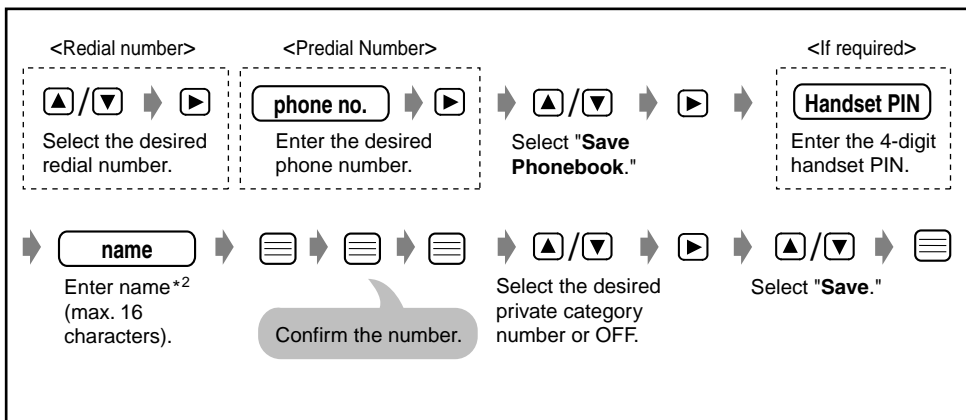
◆▶ Entering Characters

The dialling buttons can be used to enter letters and character symbols. The letters are printed on the dialling buttons.

◆ Selecting the Character Mode

While entering a name

(□) ➡ (▲)/(▼) ➡ (▶)

▶ ABC ◄ - - - - - - - - - - Alphabet   Select the desired   See the "Character
  0 – 9 ◄ - - - - - - - - - Numeric   Character Mode.   Mode Table" on the
  ΑΒΓ ◄ - - - - - - - - - - Greek   next page.
  ΑÄÅ ◄ - - - - - - - - - - Extended
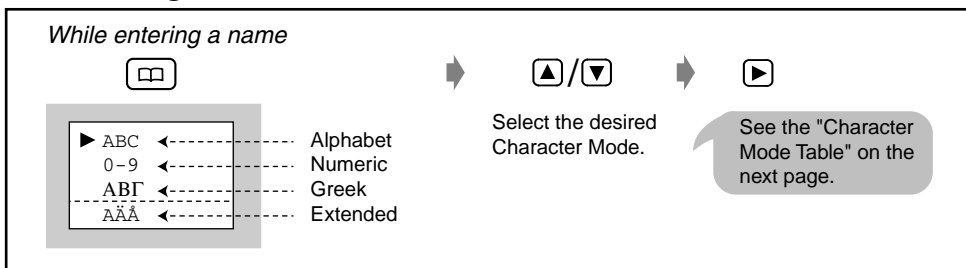
For example, to enter "Anne":

A	n	n	e
2 ▶	✳ 6 6	▶ 6 6	3 3
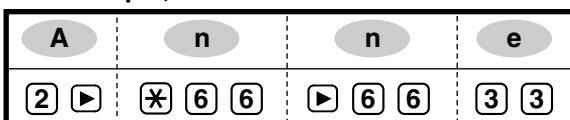
◆ Character Mode Table

Buttons	ABC (Alphabet)	0-9 (Numeric)	ABC (Greek)	AÄÅ (Extended)
1	# & ' ( ) ∗ , − . /	1	# & ' ( ) ∗ , − . /	# & ' ( ) ∗ , − . /
	# & ' ( ) ∗ , − . /	1	# & ' ( ) ∗ , − . /	# & ' ( ) ∗ , − . /
2	A B C	2	ΑΒΓ	A À Á Â Ã Ä Å Æ B C Ç
	a b c	2	ΑΒΓ	a à á â ã ä å æ b c ç
3	D E F	3	ΔEZ	D Ě È É Ê Ë Ẽ F
	d e f	3	ΔEZ	d ě è é ê ë ẽ f
4	G H I	4	HΘI	G Ğ H Ì Í Î Ï Ĩ I
	g h i	4	HΘI	g ğ h ì í î ï ĩ ı
5	J K L	5	ΚΛM	J K L
	j k l	5	ΚΛM	j k l
6	M N O	6	NΞO	M N Ñ O Ò Ó Ô Õ Ø
	m n o	6	NΞO	m n ñ o ò ó ô õ ø
7	P Q R S	7	ΠΡΣ	P Q R S Ş ß
	p q r s	7	ΠΡΣ	p q r s ş ß
8	T U V	8	ΤΥΦ	T U Ù Ú Û Ü Ũ V
	t u v	8	ΤΥΦ	t u ù ú û ü ũ v
9	W X Y Z	9	ΧΨΩ℧	W X Y Z
	w x y z	9	ΧΨΩ℧	w x y z
0	blank	0	blank	blank
	blank	0	blank	blank
◀	To move the cursor ▇ to the left.			
▶	To move the cursor ▇ to the right. (To enter another character using the same dialling button, move the cursor to the next space.)			
C	To erase the character. To erase all characters, press and hold.			
✳	To shift from capital to lower case, press ✳. Each time you press ✳, the mode will change.			

◆◆ Finding Items in the Phonebook

<If required>   <To search for a name by initial>

| 📖 | ➡ | **Handset PIN**
Enter the
Handset PIN. | ➡ | **1** – **0**
Press the dialling
button for the first
letter of the
desired name. | ➡ | **▲**/**▼**
Select the desired
name.*2 |

- To dial, go to Option 1.
- To edit an item, go to Option 2.
- To clear an item, go to Option 3.

Ex. To find "Felix," press **3** repeatedly
until the first item under "F" is displayed.
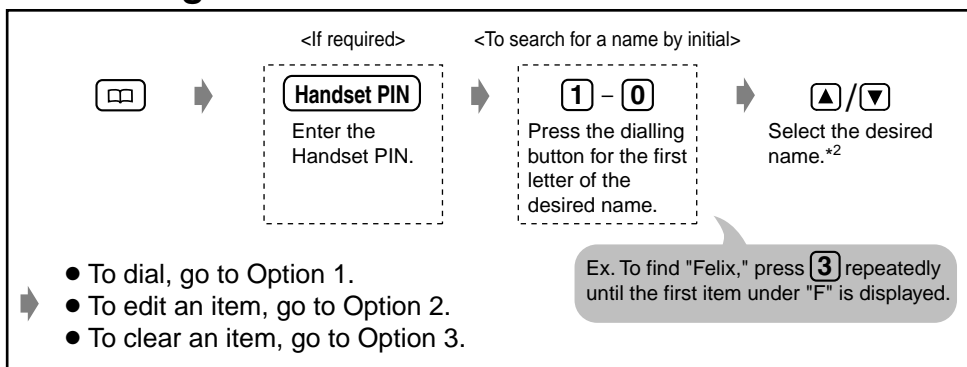
*1 If "No Numbers Stored" is displayed, the phonebook is empty. The handset
will return to the standby mode.

*2 All phonebook items are sorted in the following order:
Character → Symbol → Number

◆ Option 1: Dialling from the Phonebook

📞/🔊   ➡   📱((·   ➡   ✆
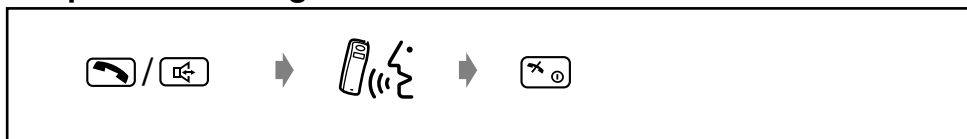
◆ Option 2: Editing an Item in the Phonebook

<To edit the name>

▶ ➡ ▲/▼ ➡ ▶ ➡ (name) ➡ ☰

Select "**Edit**." Enter the name*
(max. 16 characters).

<To edit the number>

➡ (phone no.) ➡ ☰ ➡ ▲/▼ ➡ ▶ ➡ ▲/▼ ➡ ☰

Enter the phone
number
(max. 24 digits).

Select the desired
category number
or OFF.

Select "**Save**."
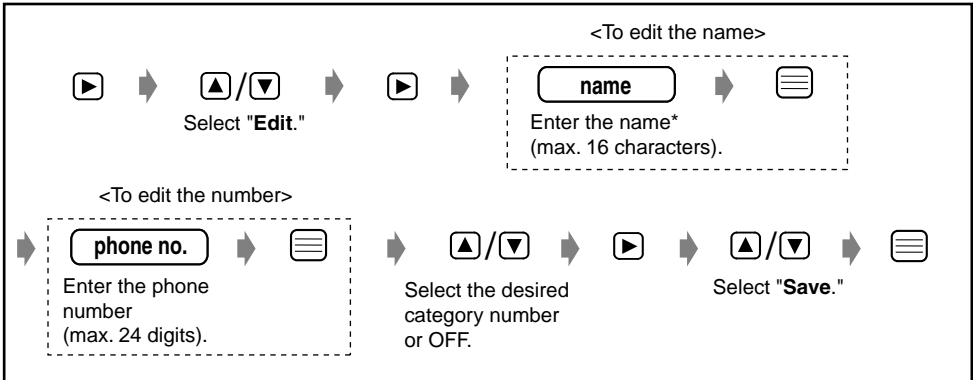
* See the steps for entering names and symbols (p. 7).

◆ Option 3: Clearing an Item from the Phonebook

▶ ➡ ▲/▼ ➡ ▶ ➡ ▲/▼ ➡ ☰

Select "**Clear**." Select "**YES**."

After a few seconds, the display will show
the next item.
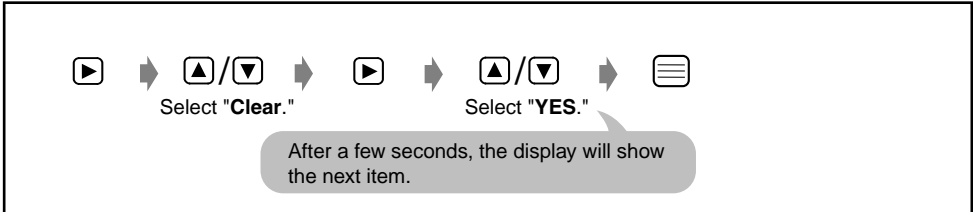
◆◆ **Using the Hot Key Dial Feature**

The dialling buttons (1-9) function as one-touch dials. You can assign up to 9 phone numbers from the phonebook items into dialling buttons as hot key dials.

◆ **Storing Phonebook Items as Hot Key Dials**

<If required>

[📖] ▶ **Handset PIN**
Enter the 4-digit
handset PIN. ▶ [▲]/[▼]
Select the
desired item. ▶ [▶] ▶ [▲]/[▼]
Select "**Reg.
To Hot Key**." ▶ [▶]

▶ [▲]/[▼]
Select the desired
hot key number. ▶ [▶] ▶ [▲]/[▼]
Select "**Save**"
or "**Overwrite**." ▶ [≡]

If already stored an item, "✓"
will be displayed on the left of
the hot key number.
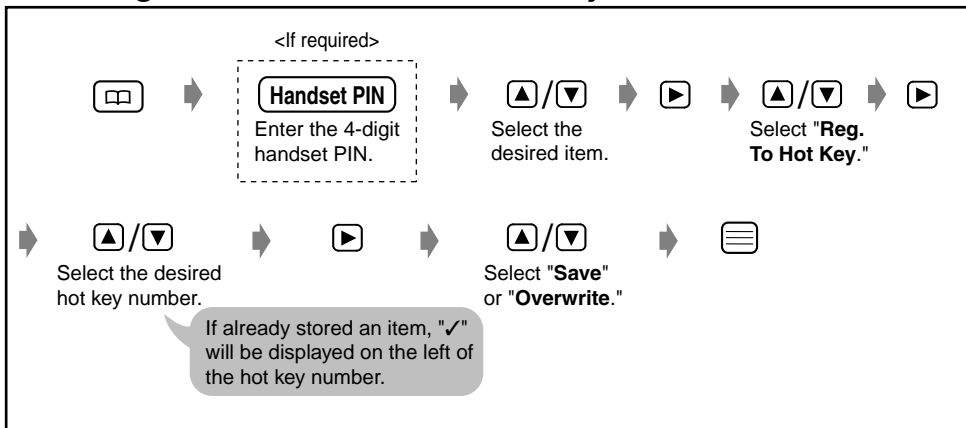
◆ **Dialling a Stored Number**

<To search a number>

[1]–[9]
Press and hold
a hot key number. ▶ [▲]/[▼]
Select the
desired number. ▶ [📞]/[📢] ▶ 📱)) ▶ [☓○]
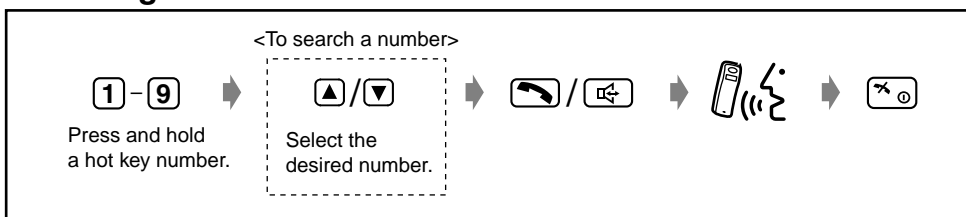
◆ **Clearing an Item in the Hot Key Dial**

$\boxed{1}$–$\boxed{9}$ ➡ $\boxed{\blacktriangle}$/$\boxed{\blacktriangledown}$ ➡ $\boxed{\blacktriangleright}$ ➡ $\boxed{\blacktriangle}$/$\boxed{\blacktriangledown}$ ➡ $\boxed{\blacktriangleright}$ ➡ $\boxed{\equiv}$

Press and hold   Select the desired   Select "**Clear**."   While "**YES**" is at
a hot key number.   number.   the arrow.

◆◆ **Locking the Phonebook**

You can programme the following function items. The display shows the instructions. After selecting "Setting Handset," the main menu is displayed. Most items in the main menu have a sub-menu. The sub-menu is shown after selecting the item in the main menu. Main menu items are written in bold and sub-menu items are under each main menu item.

◆◆ Handset Programming Menu

Ringer Option
  Ringer Volume ······· To adjust the handset ringer volume
  External Call········ To select the ring type for the calls from an outside line
  Internal Call······· To select the ring type for the calls from an extension
  Private Call ····· To select the ring type of private category
Tone Option
  Key Tone ON/OFF ··· To set the key tone ON/OFF
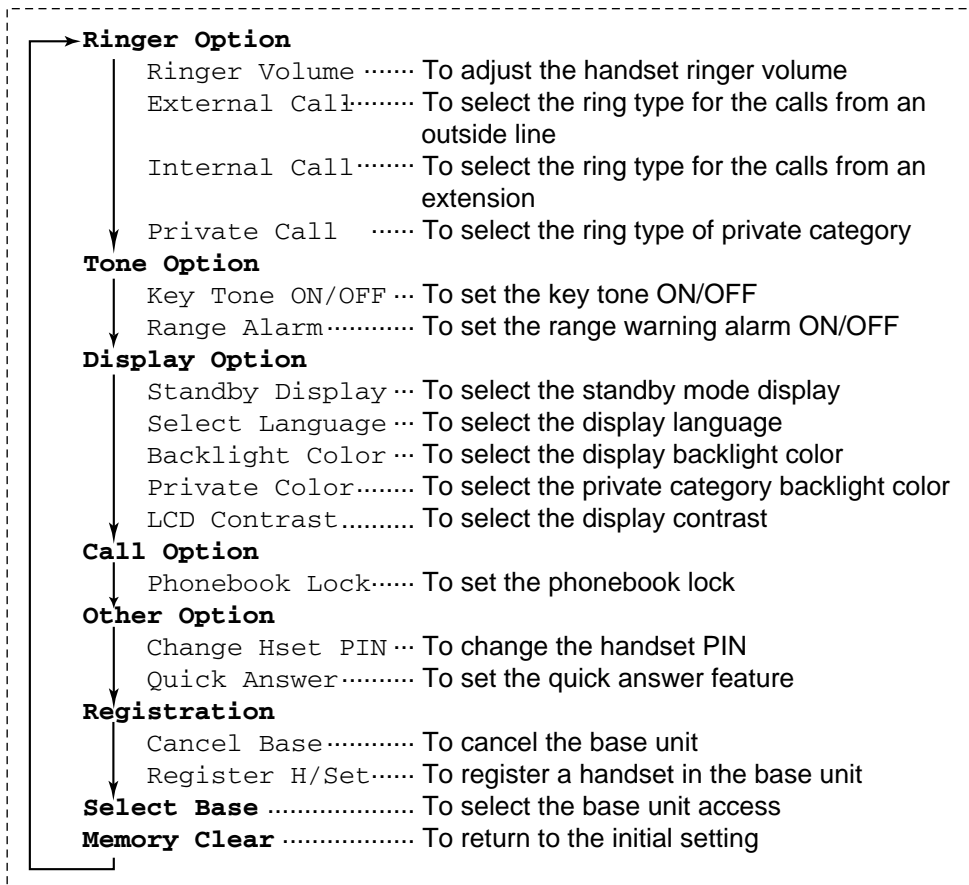 Range Alarm············ To set the range warning alarm ON/OFF
Display Option
  Standby Display ··· To select the standby mode display
  Select Language ··· To select the display language
  Backlight Color ··· To select the display backlight color
  Private Color········ To select the private category backlight color
  LCD Contrast.......... To select the display contrast
Call Option
  Phonebook Lock····· To set the phonebook lock
Other Option
  Change Hset PIN ··· To change the handset PIN
  Quick Answer·········· To set the quick answer feature
Registration
  Cancel Base············ To cancel the base unit
  Register H/Set····· To register a handset in the base unit
Select Base .... To select the base unit access
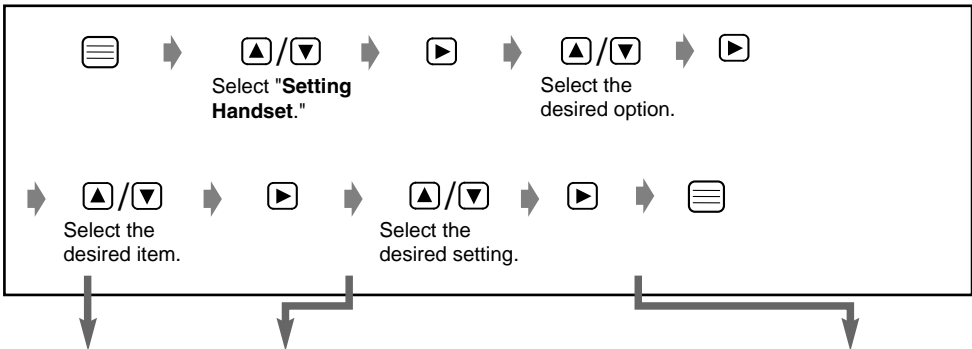**Memory Clear** ·················· To return to the initial setting

While Programming:
- You can press ☰ to go to the next menu of the function menu instead of pressing ▶.
- To return to the previous step during programming, press ◀ or C.
- You can exit the programming mode any time by pressing ✱₀.
- When programming is completed, a beep sounds.

◆◆ To Change the Initial Settings

☰ ➡ ▲/▼ ➡ ▶ ➡ ▲/▼ ➡ ▶

Select "**Setting Handset**."

Select the desired option.

➡ ▲/▼ ➡ ▶ ➡ ▲/▼ ➡ ▶ ➡ ☰

Select the desired item.

Select the desired setting.

Option	Item	Description	Setting*1	
Ringer Option	Ringer Volume	6 levels are available. When set to OFF, the handset will not ring.	□ Level	□
			□ **Level 3**	
			□ OFF	
	Ring Outside	You can select the ringer type for the calls from an outside line.	□ Ringer no.	□
			□ **Ringer 1**	□
	Ring Internal	You can select the ringer type for the calls from an extension.	□ Ringer no.	□
			□ **Ringer 3**	

Option	Item	Description	Setting[1]
Ringer Option	Private Call	You can select the handset ring type (20 types) for each private category.[2]	☐ Ringer no. ☐
			☐ **Ringer 1**
Tone Option	Key Tone ON/OFF	You can turn on/off the handset key sound (key tone, confirmation tone, error tone).	☐ **ON**
			☐ OFF
	Range Alarm	You can turn on/off the range warning alarm.	☐ **ON** ☐
			☐ OFF ☐
Display Option	Standby Display	You can choose whether to display the currently connected base unit number, extension number or no display while in the standby mode.	☐ Base Number
			☐ **Extn Number**
			☐ OFF
	Select Language	You can choose one of 12 display languages.	☐ Language ☐
			☐ **English**
	Backlight Color	You can set the display backlight colour to green, orange, or red.	☐ **Green**
			☐ Orange
			☐ Red
	Private Color	You can select the display backlight colour (red, orange, or green) for each private category.[2]	☐ **Green**
			☐ Orange
			☐ Red
	LCD Contrast	You can select the display contrast level from 1 to 3.	☐ 1
			☐ **2**
			☐ 3

Option	Item	Description	Setting[1]
`Call Option`	`Phonebook Lock`	You can prohibit anyone from entering the phonebook.[3] When locked, you cannot dial from the phonebook.	☐ ON ☐ **OFF**
`Other Option`	`Change Hset PIN`	You can programme a 4-digit handset PIN (Personal Identification Number). See p. 17 to set the PIN.	
	`Quick Answer`	You can answer a call by lifting the handset off the charger without pressing a button.	☐ ON ☐ **OFF**
`Registration`	`Cancel Base`	For details, consult your dealer.	
	`Register H/Set`	For details, consult your dealer.	
`Select Base`		You can change the base unit (1-4).	☐ Base No. ☐ ☐ **Auto** (All connected terminals)
`Memory Clear`		You can clear the settings on the handset. They will return to their initial settings.[3]	☐ YES ☐ NO

[1] The initial setting is in gray.

[2] You must choose the desired private category.

[3] You must enter the handset PIN.

◆ Setting the PIN

In the "Setting Handset" mode

(▲)/(▼) ▶ (▶) ▶ (▲)/(▼) ▶ (▶) ▶ (old PIN) ▶ (new PIN)

Select "**Other Option**."

Select "**Change Hset PIN**."

Enter the current 4-digit handset PIN.

Enter the new 4-digit PIN TWICE.

17

Important Information

Battery Information

After your Panasonic batteries are fully charged:

Operation	Approx. Ni-MH battery life
While in use (Talk)	Up to 15 hours
While not in use (Standby)	Up to 150 hours

● Battery life may be shortened depending on usage conditions, such as:
  – when talking in speakerphone mode, using headset and ambient temperature.
● **Clean the handset and the charger contacts with a soft, dry cloth once a month. Clean more often if the unit is subject to grease, dust or high humidity.** Otherwise the batteries may not charge properly.
● The batteries cannot be overcharged.
● Read "Important Notice Concerning the Correct Use and Charging of Ni-MH Batteries."

◆◆ Replacing the Batteries

If " ▬▬ " flashes after a few telephone calls even when the handset batteries have been fully charged, it is time to replace the batteries with new ones (p. 2).
Before replacing the batteries, turn the power off to prevent memory loss (p. 3). Make sure you charge the new batteries for about 15 hours in order to display the battery strength prompt correctly.

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

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

◆◆ Important Notice Concerning the Correct Use and Charging of Ni-MH Batteries

Batteries, due to their construction, undergo some wear and tear. The lifetime of a battery also depends on correct maintenance. Charging and discharging are the most important factors. You should take notice of the following to maintain the life of the battery as long as possible.
Ni-MH batteries have a kind of memory, the "memory effect." If fully charged batteries are used several times only for 15 minutes in the handset and then recharged, the capacity of the batteries will be reduced to 15 minutes due to the memory effect. Therefore you should discharge the batteries completely, i.e. use them in the handset until " ▬▬ " on the display starts flashing. Then recharge them as described in the manual. After the memory effect has occurred, it is possible to achieve almost complete capacity of the Ni-MH batteries by charging and discharging several times one after another.

Ni-MH batteries can also self-discharge. This self-discharge depends on the ambient temperature. At temperatures under 0ºC, the self-discharge will be the lowest. High humidity and high temperatures support the self-discharge. Also long-term storage will lead to self-discharge. A dead Ni-MH battery should not be disposed of normally. They contain toxic heavy metal hydride and therefore should be recycled.

Pay special attention to the safety suggestions listed below.

Safety
1) Power source: The AC adaptor should be connected to a power supply only of the type as marked on the AC adaptor.
2) Non use periods: When the Handset is not being used, turn the power off. When left unused for a long period of time, the charger should be unplugged from the household AC outlet.

Installations
Environment
1) Water and moisture: Do not use the Handset and the charger near water—for example, near a bathtub, washbowl, sink, etc. Damp basements should also be avoided.
2) Heat: The Handset and the charger should be kept away from heat sources such as radiators, kitchen ranges, etc. They also should not be placed in rooms where the temperature is less than 5 ºC or greater than 40 ºC.

Placement
1) Stacking: Do not place heavy objects on top of the Handset and the charger.
2) Foreign material: Care should be taken so that objects do not fall onto and liquids are not spilled into the Handset and charger. Do not subject the Handset and charger to excessive smoke, dust, mechanical vibration, or shock.
3) Surface: Place the charger on a flat surface. If the charger is mounted on the wall, install it straight.

For Best Performance
Operating Range
1) The range of operation depends on the topography of your office, weather or usage conditions, because signals are transmitted between the Cell Station (CS) and the Handset by radio waves.
2) Normally, you get greater range outdoors than indoors. If there are obstacles such as walls, noise may interfere with your telephone calls. In particular, high metal shelves or reinforced concrete walls will restrict your operating range.
3) A Handset may not work when it is too far from the CS depending on the structure of the building.

Noise
Occasional noise or interference may occur due to electromagnetic radiation from objects such as refrigerators, microwave ovens, faxes, TVs, radios, or personal computers. If noise disturbs your telephone calls, keep the Handset away from these electrical appliances.

WARNING:
TO PREVENT THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY OTHER TYPE OF MOISTURE.
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT DISASSEMBLE THIS UNIT. TAKE THE UNIT TO AN AUTHORISED SERVICE CENTER WHEN SERVICE IS REQUIRED.

Specifications

Radio Access Method: Multi Carrier TDMA-TDD
Frequency Band: 1,880-1,900 MHz
Number of Carriers: 10
Carrier Spacing: 1,728 kHz
Channel spacing: 1,728 kHz
Bit rate: 1,152 kbps
Carrier Multiplex: TDMA, 24 (T×12, R×12) slots per frame
Frame Length: 10 msec
Modulation: GFSK
Voice Coding: 32 kbps ADPCM (CCITT G.721)
Transmission Output: Max. 250 mW

● Specifications are subject to change.
● The illustrations used in this manual may slightly differ from the original device.

CE0682

This device is a DECT Portable station operating in the frequency band of
1880 MHz to 1900 MHz.
This device cpmplies with the requirements of the directive 1999/5/EC.
The usage of this device is generally allowed in all the EU countries.