Panasonic

KX-TG8100

SMS

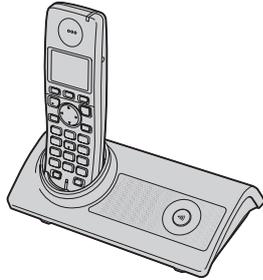## Operating Instructions

Digital Cordless Phone

Model No. **KX-TG8100E**

KX-TG8102E

Digital Cordless Answering System

Model No. **KX-TG8120E**

KX-TG8122E

This unit is compatible with Caller ID and SMS. To use these features, you must subscribe to the appropriate service of your service provider/telephone company.

Charge the batteries for about 7 hours before initial use.

Please read these operating instructions before using the unit and save them for future reference.

Introduction

Thank you for purchasing a new Panasonic digital cordless phone.

For your future reference
Attach or keep original receipt to assist with any repair under warranty.

Serial No. (found on the bottom of the base unit)
Date of purchase
Name and address of dealer

Note:

● This equipment is designed for use on the UK and Republic of Ireland analogue telephone network.

● In the event of problems, you should contact your equipment supplier in the first instance.

Declaration of Conformity:

● Panasonic Communications Co., Ltd. declares that this equipment is in compliance with the essential requirements and other relevant provisions of Radio & Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC.

Declarations of Conformity for the relevant Panasonic products described in this manual are available for download by visiting:

http://www.doc.panasonic.de

Contact:

Panasonic Services Europe

a Division of Panasonic Marketing Europe GmbH

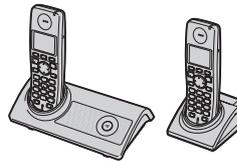Panasonic Testing Centre

Winsbergring 15, 22525 Hamburg, Germany

Your phone

KX-TG8100/KX-TG8120	KX-TG8102/KX-TG8122
*The pictured model is KX-TG8100.	*The pictured model is KX-TG8102.

● References in these operating instructions to the charger and multiple handsets are for KX-TG8102 and KX-TG8122 users only.

Note:

● The handsets have been pre-registered for use with their base unit. If not registered, see page 37.

Accessory information

Included accessories

No.	Accessory items	Quantity	
		KX-TG8100 KX-TG8120	**KX-TG8102 KX-TG8122**
①	AC adaptor for base unit Part No. PQLV207EZ (PQLV207E)	1	1
②	Telephone line cord Part No. PQJA87S or PQJA10180Z (for UK)	1	1
③	Rechargeable batteries AAA (R03) size Part No. HHR-55AAAB or HHR-4EPT	2	4
④	Handset cover[*1] Part No. PQYNTG8100E	1	2
⑤	Charger Part No. PQLV30045Z	—	1
⑥	AC adaptor for charger Part No. PQLV209EZ (PQLV209E)	—	1

*1 The handset cover comes attached to the handset.
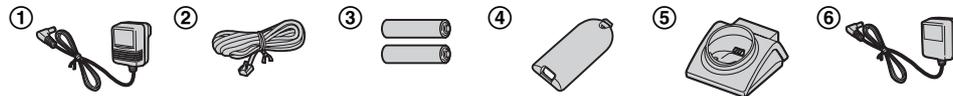
Additional/replacement accessories
Please contact your nearest Panasonic dealer for sales information.

No.	Model No.	Description
①	P03P[*1]	2 rechargeable nickel metal hydride (Ni-MH) batteries, AAA (R03) size
②	KX-TGA810E	Additional Digital Cordless Handset
③	KX-TCA717EX	Wall-Mounting Adaptor
④	KX-TCA718EX	Belt Clip
⑤	KX-TCA94EX	Headset
⑥	KX-A272	DECT repeater

*1 Maximum capacity of 750mAh

Important information

General

● Use only the AC adaptor included with this product, noted on page 4.

● Do not connect the AC adaptor to any AC outlet other than a standard 220–240 V AC outlet.

● This product is unable to make calls when:
  – the portable handset battery(ies) need recharging or have failed.
  – there is a power failure.
  – the key lock feature is turned on.

● Do not open the base unit, charger, or handset other than to replace the battery(ies).

● This product should not be used near emergency/intensive care medical equipment and should not be used by people with pacemakers.

● Care should be taken that objects do not fall onto, and liquids are not spilled into, the unit. Do not subject this product to excessive smoke, dust, mechanical vibration or shock.

Environment

● Do not use this product near water.

● This product should be kept away from heat sources such as radiators, cookers, etc. It should also not be placed in rooms where the temperature is less than 5 °C or greater than 40 °C.

● The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the unit and is easily accessible.

Warning:

● To prevent the risk of electrical shock, do not expose this product to rain or any other type of moisture.

● Unplug this unit from power outlets if it emits smoke, an abnormal smell or makes unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped and contact an authorised service centre.

Battery caution

● We recommend using the battery(ies) noted on page 4. **Use only rechargeable battery(ies).**

● Do not mix old and new batteries.

● Do not dispose of the battery(ies) in a fire, as they may explode. Check local waste management codes for special disposal instructions.

● Do not open or mutilate the battery(ies). Released electrolyte from the battery(ies) is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.

● Exercise care when handling the battery(ies). Do not allow conductive materials such as rings, bracelets or keys to touch the battery(ies), otherwise a short circuit may cause the battery(ies) and/or the conductive material to overheat and cause burns.

● Charge the battery(ies) in accordance with the information provided in these operating instructions.

● Only use the included base unit (or charger) to charge the battery(ies). Do not tamper with the base unit (or charger). Failure to follow these instructions may cause the battery(ies) to swell or explode.

Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)

This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

Controls

Handset
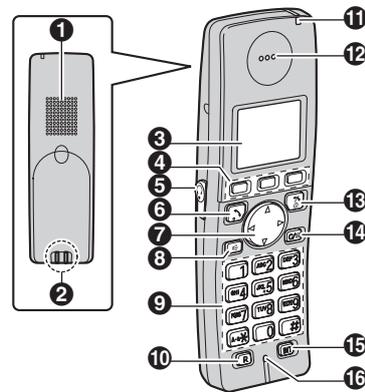
- ❶ **Speaker**
- ❷ **Charge contact**
- ❸ **Display**
- ❹ **Soft keys**
- ❺ **Headset jack**
- ❻ 【↘】 **(Talk)**
- ❼ **Navigator key (【▲】/【▼】/【►】/【◄】)**
- ❽ 【⚇】 **(Speakerphone)**
- ❾ **Dial keypad**
- ❿ 【R】 **(Recall)**
- ⓫ **Charge indicator/Ringer indicator/ Message indicator**
- ⓬ **Receiver**
- ⓭ 【⇗☉】 **(Off/Power)**
- ⓮ 【C/⌧】 **(Clear/Mute)**
- ⓯ 【INT】 **(Intercom)**
- ⓰ **Microphone**

Preparation

Base unit (KX-TG8100/KX-TG8102)
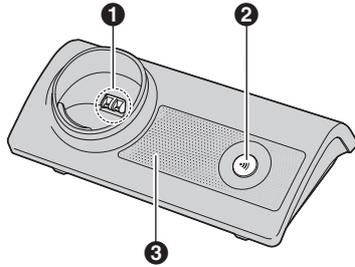
A **Charge contact**
B 【•))】 **(Page)**
C **Ringer**

Base unit (KX-TG8120/KX-TG8122)
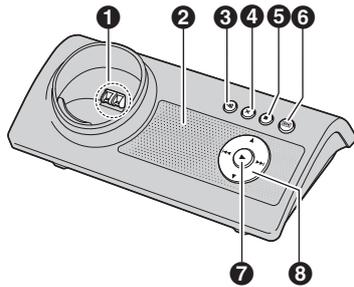
A **Charge contact**
B **Speaker**
C 【•))】 **(Page)**
D 【✕】 **(Erase)**
E 【■】 **(Stop)**
F 【🔘】 **(Answer on)/Answer on indicator**
G 【►】 **(Play)/Message indicator**
H **Navigator key (【▲】/【▼】/【►►I】/【I◄◄】)**

Displays

Display icons

Display icon	Meaning
Ⴤ	Within range of a base unit • When flashing: Handset is searching for base unit. (out of range of base unit, handset is not registered to base unit, no power on base unit)
•))	Handset is accessing base unit. (intercom, paging, changing base unit settings, etc.)
☎	Handset is on an outside call.
»)	Missed call*1 (page 25)
📼	Answering system is on (page 32) and/or new messages have been recorded.*2 (page 33)
🔘	Answering system is full.*2
«⌀	Answering system answers calls with a greeting message and caller message are not recorded.*2 (page 36)
🔄	Batteries are charging.
🔋	Battery strength
🕐	Alarm is on. (page 21)
📞	Voice enhancer is set to high or low tone. (page 14)
🔇	Ringer volume is off. (page 19)
🌙	Night mode is on. (page 21)
[2]	Handset number (standby display setting, page 19)

Preparation

Display icon	Meaning
-2-	Base unit number (standby display setting, page 19)
✉	New SMS message received*3 (page 29)
✎	Your written SMS message is over 160 characters.*3 (page 28)
✉	SMS memory is full.*3
IN USE	● Line is being used by another handset. ● Answering system is being used by another handset or the base unit.*2

*1 Caller ID subscribers only
*2 KX-TG8120 and KX-TG8122 only
*3 SMS users only

Menu icons

When in standby mode, pressing the middle soft key reveals the handset's main menu. From here you can access various features and settings.

Menu icon	Menu/feature
➥	`Caller List`
✉	`SMS` (Short Message Service)
🕐	`Time Settings` (KX-TG8100 and KX-TG8102 only)
📼	`Answer System` (KX-TG8120 and KX-TG8122 only)
📱	`Handset Setup`
📠	`Base Unit Setup`
📱	`Display Setup`

Soft keys

The handset features 3 soft keys. By pressing a soft key, you can select the feature or operation indicated by the soft key icon shown directly above it.
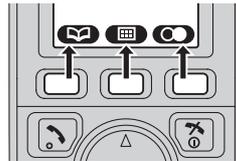
Soft key icons

Soft key icon	Action
⟲	Returns to the previous screen.
▦	Displays the menu.
OK	Accepts the current selection.
⬤	Displays a previously dialled phone number.
📖	Opens the handset phonebook.
🔍	Displays the phonebook search menu.
🔓	Turns the key lock feature off. (page 14)
1/A/?	Displayed when adding or editing a phonebook entry, or when writing an SMS message.
⬜	Stops recording or playback. (KX-TG8120 and KX-TG8122 only)
P	Inserts a dialling pause. (page 14)
✕	Erases the selected item.
▦	Displayed when the soft key has no function.

Connections

Base unit

When connecting the AC adaptor to the base unit, a short beep will be heard. If it is not heard, check the connections.

Hook

(220–240 V, 50 Hz)

To telephone network

Use only the included AC adaptor and telephone line cord.
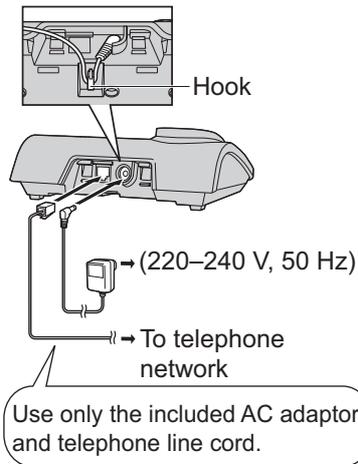
Charger
(KX-TG8102 and KX-TG8122 only)

Connect the AC adaptor to the charger and route the cable as shown. The charger can be mounted on the wall, if required.

Hooks

25 mm

Screws

(220–240 V, 50 Hz)

Use only the included AC adaptor.
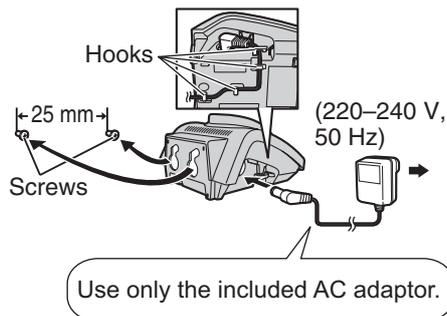
Note:

● Never install telephone wiring during a lightning storm.

● The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)

● The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.

● **The unit will not work during a power failure.** We therefore recommend you also connect a corded-type telephone (without AC adaptor) to the same telephone line using a T-adaptor. Your Panasonic sales shop can offer you more information about connection possibilities.

Location

● For maximum distance and noise-free operation, place your base unit:

– away from electrical appliances such as TVs, radios, personal computers or other phones.

– in a convenient, high and central location.

Preparation

Battery installation/replacement

Important:

● Use only the included rechargeable batteries noted on page 4, 5.

● When replacing batteries, we recommend using the Panasonic rechargeable batteries noted on page 4, 5.

1 Press the notch on the handset cover firmly and slide it in the direction of the arrow.

● When replacing batteries, remove the old batteries positive ($\oplus$) terminal first.
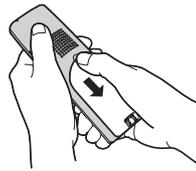
2 Insert the batteries negative ($\ominus$) terminal first. Close the handset cover.
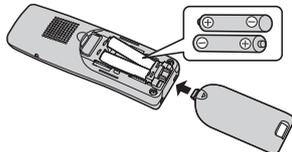
Battery charge

Place the handset on the base unit or charger for about 7 hours before initial use.

When charging, and battery strength icon are alternately shown on the display. When the batteries are fully charged, remains on the display.

● The charge indicator lights up when the handset is placed on the base unit or charger.

Base unit[*1]   **Charger**[*2]
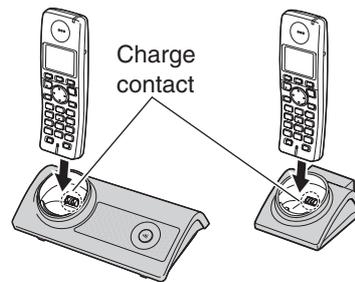
Charge contact

*1 The pictured model is KX-TG8100.
*2 KX-TG8102 and KX-TG8122 only

Note:

● It is normal for the handset to feel warm during charging.

● If you want to use the unit immediately, charge the batteries for at least 15 minutes.

● Clean the charge contacts of the handset, base unit, and charger with a soft, dry cloth once a month, otherwise the batteries may not charge properly. Clean more often if the unit is exposed to grease, dust or high humidity.

Battery strength

Battery icon	Battery strength
▰▰▰	High
▰▰▯	Medium
▰▯▯	Low When flashing: Needs to be charged.

Panasonic Ni-MH battery performance (included batteries)

Operation	Operating time
In continuous use	12 hours max.
In continuous standby mode	150 hours max.

Note:

- It is normal for batteries not to reach full capacity at the initial charge. Maximum battery performance is reached after a few complete cycles of charge/discharge (use).
- Actual battery performance depends on a combination of how often the handset is in use and how often it is not in use (standby).
- Battery operating time may be shortened over time depending on usage conditions and ambient temperature.
- Even after the handset is fully charged, the handset can be left on the base unit or charger without any ill effect on the batteries.
- The battery strength may not be displayed correctly after you replace the batteries. In this case, place the handset on the base unit or charger and charge for at least 7 hours.

Screen saver mode

The backlight will turn off completely after 1 minute of inactivity if the handset is not on the base unit or charger.
To use the handset when it is in screen saver mode, first press {✆} to turn the display on again.

Turning the power on/off

Power on

Press {✆} for about 1 second.

Power off

Press {✆} for about 2 seconds.

Symbols used in these operating instructions

Symbol	Meaning
▦	Press ▦ (middle soft key).
→	Proceed to the next operation.
OK	Press OK (middle soft key).
✆) ✉ ⏱ *1 ☏ *2 ▯ ☎ ▯	Select the mentioned handset menu icon (page 8). **Example:** ▯ (handset setup menu icon) Select ▯ by pressing {▲}, {▼}, {◄}, or {►}.
" "	Select the words in quotations shown on the display (e.g., **"Time Settings"**) by pressing {▲} or {▼}.

*1 KX-TG8100 and KX-TG8102 only
*2 KX-TG8120 and KX-TG8122 only

Preparation

Display language

1 〖✆〗 ⟶ 🎛 (middle soft key)

2 Select 📱 by pressing 〖▲〗, 〖▼〗, 〖◄〗, or 〖►〗. ⟶ **OK** (middle soft key)

3 Press 〖▲〗 or 〖▼〗 to select "**Display Setup**". ⟶ **OK**

4 Press 〖▲〗 or 〖▼〗 to select "**Select Language**". ⟶ **OK**

5 Press 〖▲〗 or 〖▼〗 to select the desired language. ⟶ **OK** ⟶ 〖✆〗

Note:

- If you select a language you cannot read, press 〖✆〗, 🎛, press 〖▼〗, press **OK**, press 〖▼〗 2 times, press **OK**, press 〖▼〗 3 times, press **OK**, select the desired language, then press **OK**. Press 〖✆〗.

Date and time

1 🎛 (middle soft key)

2 Select 📱 by pressing 〖▲〗, 〖▼〗, 〖◄〗, or 〖►〗. ⟶ **OK** (middle soft key)

3 Press 〖▲〗 or 〖▼〗 to select "**Time Settings**". ⟶ **OK**

4 Press 〖▲〗 or 〖▼〗 to select "**Set Date & Time**". ⟶ **OK**

5 Enter the current day, month, and year.
Example: 17 May, 2006
〖1〗〖7〗 〖0〗〖5〗 〖0〗〖6〗

6 Enter the current hour and minute.
Example: 3:30 PM
〖0〗〖3〗 〖3〗〖0〗 ⟶ Press 〖✲〗 until "**03:30 PM**" is displayed.

7 **OK** ⟶ 〖✆〗

Note:

- To correct a digit, press 〖◄〗 or 〖►〗 to move the cursor, then make the correction.
- The date and time may be incorrect after a power failure. In this case, set the date and time again.

Making calls

1 Lift the handset and dial the phone number.

- To correct a digit, press **【C/⊠】**, then enter the correct number.

2 **【➘】**

3 When finished talking, press **【☆⓪】** or place the handset on the base unit or charger.

Speakerphone

1 During a conversation, press **【◁】** to turn on the speakerphone.

- Speak alternately with the caller.

2 When finished talking, press **【☆⓪】**.

Note:

- For best performance, use the speakerphone in a quiet environment.
- To switch back to the receiver, press **【➘】**.

To adjust the receiver or speaker volume
Press **【▲】** or **【▼】** while on a call.

Redial feature

Previously dialled phone numbers (each 24 digits max.) can be redialled.

To make a call using the redial list
The last 10 phone numbers dialled are stored in the redial list.

1 **⬤** (right soft key)

2 Press **【▲】** or **【▼】** to select the desired number.

3 **【➘】** / **【◁】**

- If **【◁】** is pressed and the other party's line is engaged, the unit will automatically redial up to 11 more times. While the handset is waiting to

redial, the ringer indicator will flash. To cancel, press **【☆⓪】**.

To edit a number in the redial list before calling it

1 **⬤** (right soft key)

2 Press **【▲】** or **【▼】** to select the desired number. → **⊞**

3 "**Edit and Call**" → **OK**

4 Press **【◄】** or **【►】** to move the cursor. → Edit the number.

- Place the cursor on the number you wish to erase, then press **【C/⊠】**.
- Place the cursor to the right of where you want to insert a number, then press the appropriate dial key.

5 **【➘】** / **【◁】** / **OK**

To erase numbers in the redial list

1 **⬤** (right soft key)

2 Press **【▲】** or **【▼】** to select the desired number. → **⊞**

3 "**Erase**" → **OK**

- If you want to erase all numbers in the list, select "**Erase All**", then press **OK**.

4 "**Yes**" → **OK** → **【☆⓪】**

To store a number from the redial list into the handset phonebook

1 **⬤** (right soft key)

2 Press **【▲】** or **【▼】** to select the desired number. → **⊞**

3 "**Add Phonebook**" → **OK**

4 Enter a name (16 characters max.; page 41). → **OK**

5 Edit the phone number if necessary. → **OK**

6 Select the desired category (page 16). → **OK**

➤ *Making/Answering Calls*

7 "Save" → **OK** → **【✆】**

Other features

Voice enhancer

You can change the tone quality of the receiver while you are on a call.

1 Press 🔲 during a call.

- For KX-TG8120 and KX-TG8122 users, select "Voice Enhancer", then press **OK**.

2 "High Tone" or "Low Tone" → **OK**

- ℓ is displayed.

Mute

While mute is turned on, you will be able to hear the other party, but the other party will not be able to hear you.
To mute your voice, press **【C/⌫】**.

- To return to the conversation, press **【C/⌫】** again.

Key lock

The handset can be locked so that no calls or settings can be made. Incoming calls can be answered, but all other functions are disabled while key lock is on.
To turn key lock on, press 🔲 (middle soft key) for about 2 seconds.

- 🔒 is displayed.
- To turn key lock off, press 🔒 (middle soft key) for about 2 seconds.

Call waiting - 【R】 button

If a second call is received while in conversation with the first caller, a beep tone will be heard. Press **【R】** button to switch between callers.
This service requires a subscription. Consult your service provider/telephone company for details.

Note:

- If your unit is connected to a PBX (private branch exchange), pressing **【R】** can allow

you to access certain features of your host PBX such as transferring an extension call. Consult your PBX dealer for details.

- You can change the recall time (page 23).

Pause button (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service.
Example: If you have to dial **【0】** before dialling outside numbers manually, you will probably need to pause after dialling **【0】** until you hear a dial tone.

1 **【0】** → **P**

2 Dial the phone number. → **【✆】** / **【📢】**

Note:

- A 3 second pause is inserted each time **P** is pressed. Press repeatedly to insert longer pauses.

Recording a telephone conversation (KX-TG8120 and KX-TG8122 only)

Important:

- Before recording a conversation, you should inform the other party that the conversation will be recorded.

1 Press 🔲 during an outside call.

2 "Record Call" → **OK**

- A beep is heard and recording starts.
- A beep sounds every 15 seconds and can be heard by the other party.

3 To stop recording, press 🔲.

Note:

- To listen to the recorded conversation, see page 33.

Answering calls

1 Lift the handset and press **[➘]** or **[◁]** when the unit rings.

- You can also answer a call by pressing any dial key from **[0]** to **[9]**, **[✳]**, **[#]**, or **[INT]**. **(Any key answer feature)**

2 When finished talking, press **[✂⏻]** or place the handset on the base unit or charger.

Auto talk feature

You can answer calls simply by lifting the handset off the base unit or charger. You do not need to press **[➘]**. To turn this feature on, see page 20.

To adjust the handset ringer volume when receiving a call

Press **[▲]** or **[▼]**.

Handset locator

Using this feature, you can locate the handset if it has been misplaced.

1 Press **[•))]** on the base unit.

2 To stop paging, press **[•))]** on the base unit or press **[✂⏻]** on the handset.

Handset phonebook

The handset phonebook allows you to make calls without having to dial manually. You can add 200 names and phone numbers to the handset phonebook, assign each handset phonebook entry to the desired category.

Adding entries to the handset phonebook

1 📖 (left soft key) → 📺

2 "New Entry" → **OK**

3 Enter the party's name (16 characters max.; page 41). → **OK**

4 Enter the party's phone number (24 digits max.). → **OK**

5 Select the desired category. → **OK**

6 "Save" → **OK** → 【✆】

Categories

Categories can help you find entries in the handset phonebook quickly and easily. When adding an entry to the handset phonebook you can assign it to the desired category. You can change the names of categories assigned for handset phonebook entries ("Friends", "Family", etc.) and then search for handset phonebook entries by category. Additional category features are available for Caller ID subscribers (page 25).

Changing category names

1 📖 (left soft key) → 📺

2 "Category" → **OK**

3 Select the desired category. → **OK**

4 "Category Name" → **OK**

5 Edit the name (10 characters max.; page 41). → **OK** → 【✆】

Finding and calling a handset phonebook entry

Handset phonebook entries can be searched for by first character, by category, or by scrolling through all handset phonebook entries.
When you have found the desired entry, press 【➔】.

Scrolling through all entries

1 📖 (left soft key)

2 Press 【▲】 or 【▼】 to display the desired entry.

Searching by first character (index search)

1 📖 (left soft key)

2 Press the dial key (【0】 to 【9】) which contains the character you are searching for (page 41).

 ● Press the same dial key repeatedly to display the first entry corresponding to each letter located on that dial key.

 ● If there is no entry corresponding to the letter you selected, the next entry will be displayed.

 ● To change the character entry mode:
  🔍 → "Index Search" → **OK**
  → Select the character entry mode.
  → **OK**

3 Press 【▲】 or 【▼】 to scroll through the phonebook if necessary.

Searching by category

1 📖 (left soft key) → 🔍

2 "Category Search" → **OK**

3 Select the category you want to search. → **OK**

 ● If you select "All", the unit will end the category search.

4 Press 【▲】 or 【▼】 to scroll through the phonebook if necessary.

Editing entries in the handset phonebook

Changing a name, phone number, category

1 Find the desired entry (page 16). → ▦

2 "Edit" → OK

3 Edit the name if necessary (16 characters max.; page 41). → OK

4 Edit the phone number if necessary (24 digits max.). → OK

5 Select the desired category. → OK

6 "Save" → OK → 【⚲⓪】

Erasing entries from the handset phonebook

Erasing an entry

1 Find the desired entry (page 16). → ▦

2 "Erase" → OK

3 "Yes" → OK → 【⚲⓪】

Erasing all entries

1 📖 (left soft key) → ▦

2 "Erase All" → OK

3 "Yes" → OK

4 "Yes" → OK → 【⚲⓪】

One touch dial

Assigning an entry in the handset phonebook to a one touch dial key

Dial keys 【1】 to 【9】 can each be used as a one touch dial key, allowing you to dial a number from the handset phonebook by simply pressing a dial key.

1 Find the desired entry (page 16). → ▦

2 "One Touch Dial" → OK

3 Press 【▲】 or 【▼】 to select the desired dial key number. → OK

● When the dial key is already used as a one touch dial key, "∗" is displayed next to the dial key number. If you select this dial key, you can overwrite the previous assignment.

4 "Save" → OK → 【⚲⓪】

Making a call using a one touch dial key

1 Press and hold the desired one touch dial key (【1】 to 【9】).

● You can view other one touch dial assignments by pressing 【▲】 or 【▼】.

2 【📞】 / 【🔊】

Erasing a one touch dial assignment

1 Press and hold the desired one touch dial key (【1】 to 【9】). → ▦

2 "Erase" → OK

3 "Yes" → OK → 【⚲⓪】

Note:

● The corresponding handset phonebook entry is not erased.

Chain dial

This feature allows you to dial phone numbers in the handset phonebook while you are on a call. This feature can be used, for example, to dial a calling card access number or bank account PIN that you have stored in the handset phonebook, without having to dial manually.

1 While on a call, press 📖.

2 Press {▲} or {▼} to select the desired entry.

- To search by first character (index search), see page 16. To search by category, see page 16.

3 Press **OK** to dial the number.

Handset settings

● When customising the handset, the current item or setting is highlighted.

To customise the handset:

1 ⊞ (middle soft key)

2 Select ╱ by pressing **[▲]**, **[▼]**, **[◄]**, or **[►]**. → **OK** (middle soft key)

3 Press **[▲]** or **[▼]** to select the desired item in the handset settings menu. → **OK**

4 Press **[▲]** or **[▼]** to select the desired item in the sub-menu. → **OK**
   ● In some cases, you may need to select from a second sub menu. → **OK**

5 Press **[▲]** or **[▼]** to select the desired setting then press **OK** or follow the instruction in the "Feature" column of the chart.
   ● To exit the operation, press **[✆]**.

Handset settings menu	Sub-menu	Sub-menu 2	Feature (default setting)
`Time Settings`	`Set Date & Time`	—	Date and time: page 12
	`Alarm`	—	Set the alarm: page 21
`Ringer Setup`	`Ringer Volume`	—	Handset ringer volume *(Maximum)*[*1]
	`Ext. Ringtone` *(External ringtone)*	—	Ringtones for outside calls (`"Ringtone 1"`)[*2]
	`Int. Ringtone` *(Intercom ringtone)*	—	Ringtones for intercom calls (`"Ringtone 3"`)[*3]
	`Night Mode`	`Start/End`	*(23:00/06:00)*: page 21
		`On/Off`	(`"Off"`): page 21
		`Ring Delay`	(`"60 sec."`): page 22
		`Select Category`	page 22
`Display Setup`	`Wallpaper`	—	(`"Wallpaper1"`)
	`Display Colour`	—	(`"Colour1"`)
	`Standby Display`	—	Standby mode display (`"Off"`)[*4]
	`Select Language`	—	Display language (`"English"`): page 12
	`Contrast`	—	Display contrast (`"Contrast 3"`)
`Registration`	`Register H.set` *(Register handset)*	—	page 37
`Select Base`	—	—	Select a base unit (`"Auto"`): page 38

✎ Handset Settings

Handset settings menu	Sub-menu	Sub-menu 2	Feature (default setting)
`Other Options`	`New Msg. Alert` *(New message alert)*	—	New message alert (**"Off"**)[*5]
	`Keytones`	—	Keytones on/off (**"On"**)
	`Auto Talk`	—	Auto talk on/off (**"Off"**)[*6]

*1 When the ringer volume is turned off, ✗ is displayed.
  When the ringer is turned off, the handset will ring:
  – at the minimum level for alarm and intercom calls
  – at the maximum level for paging

*2 If you select one of the melody ringtones, the ringtone will continue to sound for several seconds if the caller hangs up before you answer. You may hear a dial tone or no one on the line when you answer a call.
  The preset melodies in this product are used with permission of © 2004 M-ZoNE Co., Ltd.

*3 The preset melodies in this product are used with permission of © 2004 M-ZoNE Co., Ltd.

*4 If **"Off"** is selected, only current date and time are displayed.
  If **"Handset Number"** is selected and the current handset number is 2, **"[2]"** is displayed.
  If **"Base Number"** is selected and the current base unit number is 2, **"-2-"** is displayed.

*5 This feature alerts you when new messages have been received or recorded:
  – SMS (page 27)
  – Answering system (KX-TG8120 and KX-TG8122 only; page 32)

  The message indicator on the handset flashes until you have read or listened to all new messages.
  While message alert is on, battery operating time is shortened (page 11).

*6 Auto talk feature allows you to answer calls simply by lifting the handset off the base unit or charger. You do not need to press **[➘]**.

Time settings

Alarm

An alarm will sound for 3 minutes at the set time once or daily. Set the date and time beforehand (page 12).

1 🔲 (middle soft key) → ▯ → **OK**

2 "Time Settings" → **OK**

3 "Alarm" → **OK** 2 times

4 Select an alarm mode. → **OK**

Off	Turns alarm off. Press **OK** again, then press 【✆】 to finish.
Once	The alarm sounds once at the set time. Enter the desired day and month.
Daily	An alarm sounds daily at the set time.

5 Enter the desired hour and minute. → **OK**

6 Select the desired ringtone. → **OK**

7 "Save" → **OK** → 【✆】

● When the alarm is set, 🕓 is displayed.

Note:

● To stop the alarm, press any dial key.

● When in talk or intercom mode, the alarm will not sound until the call has ended.

● If you select "Once", the setting will change to "Off" after the alarm sounds.

Ringer setup

Night mode

Night mode allows you to select a block of time during which the handset will not ring for outside calls. This feature is useful for times when you do not want to be disturbed, for example, while sleeping.

Using the handset phonebook's category feature (page 16), you can also select categories of callers whose calls will override night mode and ring the handset (Caller ID subscribers only).

Set the date and time beforehand (page 12).

Note:

● We recommend turning the base unit ringer off (page 23) in addition to turning the night mode feature on.

Setting the start and end time for night mode

1 🔲 (middle soft key) → ▯ → **OK**

2 "Ringer Setup" → **OK**

3 "Night Mode" → **OK**

4 "Start/End" → **OK**

5 Enter the desired hour and minute you wish to start this feature.

6 Enter the desired hour and minute you wish to end this feature.

7 **OK** → 【✆】

Turning night mode on/off

1 🔲 (middle soft key) → ▯ → **OK**

2 "Ringer Setup" → **OK**

3 "Night Mode" → **OK**

4 "On/Off" → **OK**

5 "On" or "Off" → **OK** → 【✆】

● When the night mode is set, 🌙 is displayed.

▯ Handset Settings

Setting the ring delay for night mode

This setting allows the handset to ring during night mode if the caller waits long enough. After the selected amount of time passes, the handset will ring. If you select **"No Ringing"**, the handset will not ring during night mode.

1 ▦ (middle soft key) → ▯ → **OK**

2 **"Ringer Setup"** → **OK**

3 **"Night Mode"** → **OK**

4 **"Ring Delay"** → **OK**

5 Select the desired setting. → **OK** → **【🕾⏻】**

Note:

- When the answering system answers the call, this feature does not work (KX-TG8120 and KX-TG8122 only).

Selecting categories to bypass night mode

1 ▦ (middle soft key) → ▯ → **OK**

2 **"Ringer Setup"** → **OK**

3 **"Night Mode"** → **OK**

4 **"Select Category"** → **OK**

5 Press the desired category numbers. → **OK**

- The selected category number will flash.
- To cancel a selected category number, press the number again. The number will stop flashing.

6 **【🕾⏻】**

Base unit settings

- Use the handset to customise the base unit.
- When customising the base unit, the current item or setting is highlighted.

To customise the base unit:

1 🔲 (middle soft key)
2 Select 🖾 by pressing **[▲]**, **[▼]**, **[◄]**, or **[►]**. → **OK** (middle soft key)
3 Press **[▲]** or **[▼]** to select the desired item in the base unit settings menu. → **OK**
4 Press **[▲]** or **[▼]** to select the desired item in the sub-menu. → **OK**
5 Press **[▲]** or **[▼]** to select the desired setting then press **OK** or follow the instruction in the "Feature" column of the chart.
   - To exit the operation, press **[☎]**.

Base unit settings menu	Sub-menu	Feature (default setting)
Ringer Volume	—	Base unit ringer volume *(Medium)*
Call Options	**Recall/Flash**	Change the recall time (**"100 msec."**).[1]
	Call Restrict	page 24
Other Options	**Base Unit PIN**	Change base unit PIN (**"0000"**).[2] – Enter the current 4-digit base unit PIN.[3] → Enter the new 4-digit base unit PIN. → **OK**
	Repeater Mode	(**"Off"**): page 39

[1] Change the recall time, if necessary, depending on the requirements of your service provider/telephone company or PBX.
[2] If you change the PIN, please make note of your new PIN. The unit will not reveal the PIN to you.
[3] If you forget your PIN, see page 47.

Call options

Setting call restriction

You can restrict selected handsets from dialling certain numbers. You can assign up to 6 phone numbers to be restricted, and select which handsets will be restricted. Storing area codes here will prevent the restricted handsets from dialling any phone number in that area code.

1 ▦ (middle soft key) → ✎ → **OK**

2 "**Call Options**" → **OK**

3 "**Call Restrict**" → **OK**

4 Enter the base unit PIN (default: "**0000**").

• If you forget your PIN, see page 47.

5 Set which handsets will be restricted by pressing the desired handset number.

• All the registered handset numbers will be displayed.

• Flashing numbers indicate call restriction is turned on for the corresponding handset.

• To turn call restriction off for a handset, press the number again. The number will stop flashing.

6 **OK**

7 Select a memory location. → **OK**

8 Enter the phone number or area code to be restricted (8 digits max.). → **OK** → 【✆】

• To erase a restricted number, press 【C/☒】.

Using Caller ID service

Important:

● This unit is Caller ID compatible. To use Caller ID features (such as displaying caller phone numbers), you must subscribe to Caller ID service. Consult your service provider/telephone company for details.

Caller ID features

When an outside call is received, the caller's phone number will be displayed.

● Phone numbers of the last 50 callers will be logged in the caller list.

● While listening to a message recorded by the answering system using the handset, you can call back the caller without having to dial the phone number (KX-TG8120 and KX-TG8122 only; page 34).

● When caller information is received and it matches a phone number stored in the unit's phonebook:

– The stored name will be displayed and logged in the caller list.

– The handset will use the display colour and ringtone assigned to the caller's category.

● If the unit is connected to a PBX system, you may not receive the caller information.

● When the caller dialled from an area which does not provide Caller ID service, **"Out of Area"** will be displayed.

● When the caller requested not to send caller information, either no information or **"Private Caller"** will be displayed.

Missed calls

If a call is not answered, the unit treats the call as a missed call. ➔ and the number of missed calls are shown on the display. This lets you know if you should view the caller list to see who called while you were out.

Call Waiting Caller ID

This is a service of your service provider/telephone company and will only operate if you have subscribed to this service. When you hear a call waiting tone during a conversation, the display will show the second caller's information. You can answer the second call by pressing **{R}**. The first caller will be placed on hold. Press **{R}** again to switch back to the first caller. Consult your service provider/telephone company for details of this service.

Category features for handset phonebook

Categories can help you identify who is calling by using different ringtones and display colours for different categories of callers. When adding an entry to the handset phonebook you can assign it to the desired category (page 16). When a call is received from a caller assigned to a category, the category's display colour and ringtone you selected are used.

Changing category ringtones

If you select **"Ext. Ringtone"**, the unit will use the external ringtone you set on page 19 when calls from this category are received. The default setting is **"Ext. Ringtone"**.

1 📖 (left soft key) → ▦

2 **"Category"** → **OK**

3 Select a category. → **OK**

4 Select the current setting of the category ringtone. → **OK**

5 Select the desired ringtone. → **OK** → {✂⊙}

Changing category display colours

If you select **"Display Colour"**, the unit will use the display colour you set on page 19 when calls from this category are

✆ Caller ID Service

received. The default setting is **"Display Colour"**.

1 📖 (left soft key) → 🎹
2 **"Category"** → **OK**
3 Select a category. → **OK**
4 Select the current setting of the category colour. → **OK**
5 Select the desired colour. → **OK** → 【✆⏻】

Caller list

Viewing the caller list and calling back

1 🎹 (middle soft key) → *✆* → **OK**
2 Press 【▼】 to search from the most recent call, or press 【▲】 to search from the oldest call.
  ● If the item has already been viewed or answered, "✔" is displayed, even if it was viewed or answered using another handset.
  ● To erase the item, press ❌. → **"Yes"** → **OK**
3 【📞】 / 【🔊】

Editing a caller's phone number before calling back

1 🎹 (middle soft key) → *✆* → **OK**
2 Press 【▲】 or 【▼】 to display the desired entry.
3 🎹 → **"Edit and Call"** → **OK**
4 Edit the number.
  ● Press dial key (【0】 to 【9】) to add, 【C/🔇】 to delete.
5 【📞】 / 【🔊】 / **OK**

Erasing caller information

1 🎹 (middle soft key) → *✆* → **OK**
2 Press 【▲】 or 【▼】 to display the desired entry. → 🎹
3 **"Erase"** → **OK**
  ● To erase all entries, select **"Erase All"**. → **OK**
4 **"Yes"** → **OK** → 【✆⏻】

Storing caller information into the handset phonebook

1 🎹 (middle soft key) → *✆* → **OK**
2 Press 【▲】 or 【▼】 to display the desired entry. → 🎹
3 **"Add Phonebook"** → **OK**
4 Continue from step 3, "Adding entries to the handset phonebook", page 16.

Voice mail service

Voice mail is an automatic answering service offered by your service provider/telephone company. If you subscribe to this service, your service provider/telephone company's voice mail system will answer calls for you when you are unavailable to answer the phone or when your line is busy. Messages are recorded by your service provider/telephone company, not your telephone. Please consult your service provider/telephone company for details of this service.

Note:
● For more information on using the unit's answering system and your service provider/telephone company's voice mail service, see page 36. (KX-TG8120 and KX-TG8122 only)

Using SMS (Short Message Service)

SMS allows you to send and receive text messages between other fixed-line and mobile phones that support compatible SMS networks and features.

Important:

● To use SMS features, you must:
   – subscribe to the Caller ID and/or appropriate service
   – confirm SMS is turned on
   – confirm the correct message centre numbers are stored

   Consult your service provider/telephone company for details and availability.

Using the public mailbox and private mailboxes

SMS messages can be sent and received using the public mailbox or any one of the 6 private mailboxes. The public mailbox can be accessed freely. Private mailboxes are password protected to ensure privacy.

Important:

● To use the public mailbox, you must:
   – register the public mailbox with BT Text (page 28)
● To send or receive a message using a private mailbox, you must:
   – first create the private mailbox by storing its name and password (page 30)
   – register each private mailbox with BT Text (page 28)

Note:

● A total of 47 messages (at 160 characters/message) in all mailboxes added together can be saved. Total number may be more than 47 if length of messages is less than 160 characters/message.

● If the unit is connected to a PBX system, you may not be able to use SMS features.

Turning SMS on/off

1 ▦ (middle soft key) → ✉ → **OK**
2 "**Public**" → **OK**
3 "**Settings**" → **OK**
4 "**SMS On/Off**" → **OK**
5 "**On**" or "**Off**" → **OK** → 【✆】

Changing SMS message centre numbers

SMS message centre telephone numbers must be stored in order to send and receive SMS messages.
The message centre numbers (used for SMS services provided by BT Text) are preprogrammed in this unit. You can change them if necessary.

● Consult your service provider/telephone company for more information.

1 ▦ (middle soft key) → ✉ → **OK**
2 "**Public**" → **OK**
3 "**Settings**" → **OK**
4 "**Message Centre1**" or "**Message Centre2**" → **OK**
5 Edit the number as necessary. → **OK**
6 "**Save**" → **OK** → 【✆】

Note:

● If your phone is connected to a PBX, you need to add the PBX line access number and a dialling pause to the beginning of the Message Centre 1 phone number.

Registering mailboxes

Each SMS mailbox you wish to use must be registered with BT Text. There are two ways you can register a mailbox:

– Send an SMS message to another person.
– Send the text message 'REGISTER' to destination number 00000.

Sending a message

Writing and sending a new message

1 🖽 (middle soft key) → ✉ → **OK**

2 **To access the public mailbox**
   "Public" → **OK**
   To access a private mailbox
   Select the desired mailbox. → **OK** →
   Enter its password.

3 **"Create"** → **OK**
   ● If "▲**Use Last Text?**" is displayed, you can use the text from the last message you created by pressing 【▲】.

4 Enter the message (page 41). → **OK**

5 Enter the destination phone number (20 digits max.). → **OK**
   ● Using the handset phonebook:
     📖 → Select the handset phonebook entry. → **OK** 2 times
   ● Using the caller list:
     Press 【▲】 or 【▼】 to select the party. → **OK** 2 times
   ● Using the redial list:
     Press 🔘 repeatedly to select the phone number. → **OK** 2 times
   ● If you wish to send the message to the other party's mailbox, enter the other

party's mailbox number after the destination phone number.
Example: The other party's phone number is 123456 and their mailbox number is 1.
Enter 1234561.

6 To save the message, select **"Yes"**. →
   OK

7 To send the message, press **OK**.
   ● To cancel sending, press 【☎⓪】.

Note:
● This unit supports SMS messages of up to 612 characters, however, the maximum number of characters you can send or receive may be limited by your SMS service provider/telephone company. Consult your SMS service provider/telephone company for details.
● If your message contains over 160 characters, the message is a long message and 🔖 is displayed. Your service provider/telephone company may treat long messages differently from other messages. Consult your service provider/telephone company for details.
● If your phone is connected to a PBX, store the PBX line access number (page 31).

Sending a saved message

1 🖽 (middle soft key) → ✉ → **OK**

2 **To access the public mailbox**
   "Public" → **OK**
   To access a private mailbox
   Select the desired mailbox. → **OK** →
   Enter its password.

3 **"Send List"** → **OK**

4 To read a saved message, press 【▲】 or 【▼】 to select the message. → **OK**

5 To send the message, press 🖽. →
   "Send" → **OK**

6 Press and hold 【C/✉】 to erase all numbers, then continue from step 5,

"Writing and sending a new message", page 28.

Editing and sending a saved message

1 ▦ (middle soft key) → ✉ → **OK**

2 **To access the public mailbox**
   "Public" → **OK**
   To access a private mailbox
   Select the desired mailbox. → **OK** →
   Enter its password.

3 "Send List" → **OK**

4 Press **[▲]** or **[▼]** to select the message.
   → **OK**

5 ▦ → "Edit Message" → **OK**
   → Continue from step 4, "Writing and
   sending a new message", page 28.

Erasing saved messages

1 ▦ (middle soft key) → ✉ → **OK**

2 **To access the public mailbox**
   "Public" → **OK**
   To access a private mailbox
   Select the desired mailbox. → **OK** →
   Enter its password.

3 "Send List" → **OK**

4 Press **[▲]** or **[▼]** to select the message.
   → **OK**

5 ▦ → "Erase" → **OK**
   • To erase all messages in the selected
     mailbox, select "Erase All". →
     OK

6 "Yes" → **OK** → [✆]

Receiving a message

When an SMS message is received:
– a tone is heard (if the handset ringer is
  turned on)

– "Receiving SMS Message" is
  displayed
– ✉ is displayed
– the message indicator on the handset
  flashes if the message alert feature (page
  20) has been turned on
– the total number of new (unread) SMS
  messages is displayed next to ✉

Reading a received message

1 ▦ (middle soft key) → ✉ → **OK**

2 **To access the public mailbox**
   "Public" → **OK**
   To access a private mailbox
   Select the desired mailbox. → **OK** →
   Enter its password.
   • If a mailbox contains new (unread)
     SMS messages, "*" is displayed next
     to the total number of messages for
     that mailbox.

3 "Receive List" → **OK**

4 Press **[▲]** or **[▼]** to select a message.
   • Messages which have already been
     read are indicated by a "✓", even if
     they were read using another handset.
   • To erase a message, press ✖. →
     "Yes" → **OK**

5 Press **OK** to read the message content.

Note:
• To call the message sender, press **[✆]**
  or **[🔊]**.

Replying to a message

1 While reading a received message,
   press ▦.

2 "Reply" → **OK**

3 Enter a message (page 41). → **OK**

4 Edit the destination phone number
   and/or press **OK**, then continue from
   step 6, "Writing and sending a new
   message", page 28.

Editing/forwarding a message

1 While reading a received message, press ▦.

2 "Edit Message" → **OK** → Continue from step 4, "Writing and sending a new message", page 28.

Erasing received messages

1 While reading a received message, press ▦.

2 "Erase" → **OK**
● To erase all messages in the selected mailbox, select "Erase All". → **OK**

3 "Yes" → **OK** → [✆]

Storing the sender's number in the handset phonebook

1 While reading a received message, press ▦.

2 "Add Phonebook" → **OK**

3 Continue from step 3, "Adding entries to the handset phonebook", page 16.

Editing the sender's number before calling back

1 While reading a received message, press ▦.

2 "Edit and Call" → **OK**

3 Edit the number. → [✆] / [🕩] / **OK**

SMS settings

SMS settings	Page
SMS on/off (default: "On")	page 27
Message Centre 1	page 27
Message Centre 2	page 27
Private mailboxes (default: —)	page 30
PBX line access number (default: "Off")	page 31

Creating private mailboxes

Private mailboxes can be used for sending and receiving SMS messages. Each private mailbox is password protected.

1 ▦ (middle soft key) → ✉ → **OK**

2 "Public" → **OK**

3 "Settings" → **OK**

4 "Private Mailbox" → **OK**

5 Select the desired new mailbox number ("Mailbox1" to "Mailbox6"). → **OK**

6 Enter a name for the mailbox (5 characters max.; page 41). → **OK**

7 Enter a 4-digit password for the mailbox. → **OK**

8 "Save" → **OK** → [✆]

Note:
● To receive SMS messages using a mailbox, inform others of your mailbox number.
● If you forget the password assigned to a mailbox, consult your nearest Panasonic service centre.

Changing private mailbox settings

You can change the password or name of the private mailbox and erase the mailbox.

1 ▦ (middle soft key) → ✉ → **OK**

2 "Public" → **OK**

3 "Settings" → **OK**

4 "Private Mailbox" → **OK**

5 Select the desired mailbox name. → **OK** 2 times

6 Enter the mailbox's 4-digit password.

7 Edit the mailbox name (5 characters max.; page 41). → **OK**
  ● To erase the mailbox, press and hold **[C/✉]**. → **OK** → "Yes" → **OK** → **[☎]**

8 Enter a 4-digit password for the mailbox. → **OK**

9 "Save" → **OK** → **[☎]**

Note:
● If you erase a mailbox, its messages will also be erased.

Storing the PBX line access number (for PBX users only)

Store your PBX line access number (4 digits max.) so that SMS messages are sent properly. When sending SMS messages to entries in the handset phonebook or redial list, the PBX line access number will be deleted.

1 ▦ (middle soft key) → ✉ → **OK**

2 "Public" → **OK**

3 "Settings" → **OK**

4 "PBX Access No." → **OK**

5 "On" → **OK**

6 Enter your PBX line access code and a dialling pause, if necessary. → **OK**

7 "Save" → **OK** → **[☎]**

Answering system

The KX-TG8120 and KX-TG8122 contain an answering system which can answer and record calls for you when you are unavailable to answer the phone. You can also record phone conversations (page 14).

Important:

- Only 1 person can access the answering system (listen to messages, record a greeting message, etc.) at a time.
- When callers leave messages, the unit records the day and time of each message. Make sure the date and time have been set (page 12).

Memory capacity

The total recording capacity (including your greeting message, caller messages, and recorded conversations) is about 40 minutes. A maximum of 64 messages can be recorded.

Note:

- If message memory becomes full:
  – **"Answer Sys. Full"** is shown on the handset display
  – **[📼]** on the base unit flashes rapidly

Turning the answering system on/off

Using the base unit

Press **[📼]** to turn on/off the answering system.

- When the answering system is turned on, **[📼]** lights up.

Using the handset

1 📖 (middle soft key) → 📼 → **OK**

2 **"Answer On"** or **"Answer Off"** → **OK** → **[📞]**

Note:

- When the answering system is turned on, 📼 is displayed next to the battery icon.

Greeting message

When the unit answers a call, callers are greeted by a greeting message. You can record your own greeting message or use a prerecorded greeting message.

Recording a greeting message

You can record your own greeting message (2 minutes and 30 seconds max.).

1 📖 (middle soft key) → 📼 → **OK**

2 **"Record Greeting"** → **OK**
   - Hold the handset about 20 cm away and speak clearly into the microphone.

3 Press 🔲 to stop recording. → **[📞]**

Using a prerecorded greeting message

If you erase or do not record your own greeting message, the unit will play a prerecorded greeting message for callers and ask them to leave messages. If the message recording time (page 36) is set to **"Greeting Only"**, caller messages will not be recorded and the unit will play a different prerecorded greeting message asking callers to call again.

Playing back the greeting message

1 📖 (middle soft key) → 📼 → **OK**

2 **"Play Greeting"** → **OK** → **[📞]**

Erasing the greeting message

If you erase your own greeting message, the unit will play a prerecorded greeting message for callers.

1 ▦ (middle soft key) → ⬚ → **OK**
2 "Erase Message" → **OK**
3 "Erase Greeting" → **OK**
4 "Yes" → **OK** → [☎]

Listening to messages

Messages are stored and played back chronologically, from oldest message to newest.

Listening to new/all messages

When you have new messages:
– [►] on the base unit flashes
– the message indicator on the handset flashes if the message alert feature (page 20) has been turned on
– ▤ is displayed
– the total number of new messages is displayed next to ▤

Note:
● To adjust the speaker volume during playback, press [▲] or [▼].

Using the base unit
Press [►].
● If new messages have been recorded, the base unit plays back new messages.
● If there are no new messages, the base unit plays back all messages.

Note:
● After playing back all of the new messages, [►] will stop flashing but [▤] will remain lit up when the answering system is turned on.

Using the handset
1 ▦ (middle soft key) → ⬚ → **OK**
2 "Play New Msg." or "Play All Msg." → **OK**

Repeating, skipping, stopping, erasing a message during playback

● To repeat a message during playback:
– for the base unit, press [◄◄]
– for the handset, press [◄]
If pressed within the first 5 seconds of a message, the previous message will be played.
● To skip a message during playback:
– for the base unit, press [►►]
– for the handset, press [►]
● To stop a message during playback:
– for the base unit, press [■]
– for the handset, press ▢
● To erase a message during playback:
– for the base unit, press [✕]
– for the handset, press ✕. → "Yes" → **OK**

Erasing all messages

Using the base unit
Press [✕] 2 times.

Using the handset
1 ▦ (middle soft key) → ⬚ → **OK**
2 "Erase Message" → **OK**
3 "Erase All" → **OK**
4 "Yes" → **OK** → [☎]

Calling back (Caller ID subscribers only)

If caller information was received for the call, you can call the caller back while listening to a message.

1 Press 🔲 during playback.

2 "Call Back" → **OK**

Editing the number before calling back

1 Press 🔲 during playback.

2 "Edit and Call" → **OK**

3 Edit the number. → **OK**

Direct command operation using the handset

You can operate the answering system by pressing dial keys, rather than navigating through the menus. To use the following commands, press 🔲 (middle soft key). → ⌨ → **OK**

Key	Direct commands
【1】	Repeat message (during playback)*1
【2】	Skip message (during playback)
【3】	Enter the "Settings" menu
【4】	Play new messages
【5】	Play all messages
【6】	Play greeting message
【7】【6】	Record greeting message
【8】	Turn answering system on
【9】	Stop (recording, playback)
【0】	Turn answering system off
【*】【4】	Erase this message (during playback)
【*】【5】	Erase all messages
【*】【6】	Erase greeting message

*1 If pressed within the first 5 seconds of a message, the previous message will be played.

Remote operation

Using a touch tone phone, you can call your phone number from outside and access the unit to listen to messages or change answering system settings. The unit's voice guidance will prompt you to press certain dial keys to perform different operations.

Important:

- In order to operate the answering system remotely, you must first turn on remote operation by setting a remote access code. This code must be entered each time you operate the answering system remotely.

Turning remote operation on

A 3-digit remote access code must be entered when operating the answering system remotely. This code prevents unauthorised parties from listening to your messages remotely. After you store your remote access code, remote operation is possible.

1 🔲 (middle soft key) → ⌨ → **OK**

2 "Settings" → **OK**

3 "Remote Code" → **OK**

4 To turn on remote operation, enter a 3-digit remote access code.

- To turn off remote operation, press 【*】.

5 **OK** → 【📞】

Note:

● If you have stored the remote access code, you can turn on answering system by calling the unit even when it is turned off. This call may be answered before the ring delay feature of the night mode (page 22) activates. You need to select **"30 sec."** for activating the ring delay feature.

Using the answering system remotely

1 Dial your phone number from a touch tone phone.

2 After the greeting message starts, enter your remote access code.
● The unit will announce the number of new messages.
● After 3 seconds, voice guidance starts.

3 Follow the voice guidance prompts as necessary.

Note:

● You can hang up at any time.
● You can ignore the voice guidance and control the unit using remote commands (page 35).

Voice guidance

During remote operation, the unit's voice guidance will prompt you to press **[1]** to perform a specific operation, or press **[2]** to listen to more available operations.

Note:

● If less than 5 minutes of recording time is available, the unit will announce the remaining recording time after the last message is played back.

Remote commands

You can press dial keys to access certain answering system functions without waiting for the voice guidance to prompt you.

Key	Remote command
[1]	Repeat message (during playback)[*1]
[2]	Skip message (during playback)
[4]	Play new messages
[5]	Play all messages
[6]	Play greeting message
[7]	Record greeting message
[9]	Stop (recording, playback)
[0]	Turn answering system off
[✳][4]	Erase this message (during playback)
[✳][5]	Erase all messages
[✳][6]	Erase greeting message (during greeting message playback)
[✳][#]	End remote operation (or hang up)

*1 If pressed within the first 5 seconds of a message, the previous message will be played.

Turning on the answering system remotely

If the answering system is off, you can turn it on remotely.

1 Dial your phone number from a touch tone phone.

2 Let the phone ring 20 times.
● A long beep will be heard.

3 Enter your remote access code within 10 seconds after the long beep.
● The greeting message is played back.
● You can hang up, or enter your remote access code again and begin remote operation.

Answering system settings

Answering system setting	Default setting	Page
Answering system on/off	**Answer On**	page 32
Remote access code	—	page 34
Number of rings	**4 Rings**	page 36
Caller's recording time	**3 Minutes**	page 36
Call screening	**On**	page 36

Changing the number of rings

You can change the number of times the phone rings before the unit answers calls. You can select 2 to 7 rings, or **"Auto"**. **"Auto"**: The unit answers after 2 rings when new messages have been recorded, and after 5 rings when there are no new messages. If you call your phone from outside to listen to new messages (page 35), you will know that there are no new messages when the phone rings for the 3rd time. You can then hang up without being charged for the call.

1 🔲 (middle soft key) → 🔊 → **OK**
2 **"Settings"** → **OK**
3 **"Number of Rings"** → **OK**
4 Select the desired setting. → **OK** → **[✗⓪]**

For voice mail service subscribers
Please note the following:
– To receive messages correctly with your voice mail service, we recommend that you do not use the unit's answering

system. Make sure that the answering system is turned off (page 32).
– If you would rather use the unit's answering system than the voice mail service provided by your service provider/telephone company, ask your service provider/telephone company to deactivate your voice mail service.

If your service provider/telephone company cannot do this, set this unit's **"Number of Rings"** setting so that this unit's answering system answers calls before your service provider/telephone company's voice mail service tries to answer your calls. It is necessary to check the number of rings required to activate the voice mail service provided by your service provider/telephone company before changing this setting.

Selecting the caller's recording time

You can change the maximum message recording time allotted to each caller, or set the unit to greet callers but not record messages.

1 🔲 (middle soft key) → 🔊 → **OK**
2 **"Settings"** → **OK**
3 **"Recording Time"** → **OK**
4 Select the desired setting. → **OK** → **[✗⓪]**

Turning call screening on/off

While a caller is leaving a message, you can screen the call through the handset speaker.

1 🔲 (middle soft key) → 🔊 → **OK**
2 **"Settings"** → **OK**
3 **"Call Screening"** → **OK**
4 **"On"** or **"Off"** → **OK** → **[✗⓪]**

Operating additional units

Additional handsets

Up to 6 handsets can be registered to a single base unit. Additional handsets will give you the freedom to, for example, have an intercom call with another handset while a third handset is on an outside call. See page 4 for information on ordering additional handsets.

Important:

● The additional handset model recommended for use with this unit is noted on page 4. If other model handset is used, certain operations (handset settings, base unit settings, etc.) may not be available.

Additional base units

Handsets can be registered to up to 4 base units, allowing you to add additional base units and extend the area in which your handset(s) can be used. If a handset moves out of range of its base unit when **"Auto"** is selected on base unit selection (page 38), it will look for another base unit to make or receive calls. A base unit and the handsets it communicates with is called a "radio cell".

Note:

● Calls will be disconnected when the handset moves from one radio cell to another.

Registering a handset to a base unit

The included handset and base unit are preregistered. If for some reason the handset is not registered to the base unit (for example, Ψ flashes even when the handset is near the base unit), register the handset manually (page 37).

To register an additional handset to a base unit (easy registration)

After purchasing an additional handset, register it to the base unit. Ensure that the additional handset is switched on. If it is not on, press and hold 【✆】 for few seconds to turn the handset on.

1 Lift the additional handset and press 【✆】 to put the handset in standby mode.

2 Press and hold 【•))】 on the base unit for about 3 seconds, until the registration tone sounds.

3 Place the additional handset on the base unit. The registration tone continues to sound. With the handset still on the base unit, wait until a confirmation tone sounds and Ψ stops flashing.

Note:

● If an error tone sounds, or if Ψ is still flashing, register the handset manually (manual registration; page 37).

● If all registered handsets start ringing in step 2, press 【•))】 to stop. Start again from step 1.

● Charge the batteries of your additional handset for about 7 hours before initial use.

● This registration method cannot be used for handsets that have already been registered to a base unit. Register the handset manually (manual registration; page 37).

To register a handset to an additional base unit (manual registration)

You can register a handset to a base unit manually using the following method.

1 ⊞ (middle soft key) → ▯ → **OK**

2 **"Registration"** → **OK**

Multi-unit Operation

3 "Register H.set" → **OK**

4 Select a base unit number. → **OK**
- This number is used by the handset as a reference only.

5 Press and hold 【•)】 on the base unit for about 3 seconds, until the registration tone sounds.
- If all registered handsets start ringing, press 【•)】 to stop, then repeat this step.
- After pressing 【•)】, the rest of this procedure must be completed within 1 minute.

6 Wait until "Enter Base PIN" is displayed, then enter the base unit PIN (default: "0000"), then press **OK**.
- If you forget your PIN, see page 47.
- When the handset has been registered successfully, ᴛ will stop flashing. If keytones are turned on (page 20), a confirmation tone will be heard.

Selecting a base unit

When "Auto" is selected, the handset will automatically use any available base unit it is registered to. When a specific base unit is selected, the handset will make and receive calls using that base unit only. If the handset is out of range of that base unit, no calls can be made.

1 🔲 (middle soft key) → 📱 → **OK**

2 "Select Base" → **OK**

3 Select the desired base unit number, or "Auto". → **OK**
- The handset starts searching for the base unit.

Cancelling a handset

A maximum of 6 handsets can be registered to a base unit. A handset can cancel its own registration (or the registration of another handset) that is stored in the base unit. This will allow the base unit to "forget" the handset.

1 🔲 (middle soft key) → 📼 → **OK**

2 Enter "335".

3 "Cancel Handset" → **OK**
- The numbers of all handsets registered to the base unit are displayed.

4 Select the handset(s) you want to cancel, by pressing the desired handset number. → **OK**

5 "Yes" → **OK** → 【📞】

Cancelling a base unit

A handset can be registered to a maximum of 4 base units. A handset can cancel a base unit that it is registered to. This allows the handset to "forget" the base unit.

1 🔲 (middle soft key) → 📱 → **OK**

2 "Registration" → **OK**

3 Enter "335".

4 "Cancel Base" → **OK**

5 Select the base unit(s) you want to cancel, by pressing the desired base unit number. → **OK**

6 "Yes" → **OK** → 【📞】

Note:
- To register the handset to another base unit or to the same base unit again, see manual registration (page 37).

Increasing the range of the base unit

You can increase the signal range of the base unit by using a DECT repeater. Please use only the Panasonic DECT repeater noted on page 4. Consult your Panasonic dealer for details.

Important:

● Before registering the repeater to this base unit, you must turn the repeater mode on.

● Do not use more than one repeater at a time.

Setting the repeater mode

1 🖾 (middle soft key) → 🗫 → **OK**

2 "Other Options" → **OK**

3 "Repeater Mode" → **OK**

4 "On" or "Off" → **OK** → 【✆】

Note:

● After turning repeater mode on or off, ϒ will flash on the handset momentarily. This is normal. The handset can be used once ϒ stops flashing.

Intercom between handsets

Intercom calls can be made between handsets in the same radio cell.
Example: When handset 1 calls handset 2

1 Handset 1:
【INT】 → Press 【2】 (desired handset number).

2 Handset 2:
Press 【📞】 / 【📢】 to answer.

3 When finished talking, press 【✆】.

Transferring calls between handsets, conference calls

Outside calls can be transferred between 2 people in the same radio cell. 2 people in the same radio cell can have a conference call with an outside party.
Example: When handset 1 transfers a call to handset 2

1 Handset 1:
During an outside call, press 【INT】. → Press 【2】 (desired handset number).

● The outside call will be put on hold.

● If there is no answer, press 【INT】 to return to the outside call.

2 Handset 2:
Press 【📞】 / 【📢】 to answer the page.

● Handset 2 can talk with handset 1.

3 Handset 1:
To complete the call transfer, press 【✆】.
To establish a conference call, press 【3】.

Transferring a call without speaking to the other handset user

1 During an outside call, press 【INT】. → Press the desired handset number.

● ☎ flashes to indicate the outside call is on hold.

2 【✆】

● The outside call rings at the other handset.

Note:

● If the other handset user does not answer the call within 1 minute, the call will ring at your handset again.

Multi-unit Operation

Copying phonebook entries

You can copy handset phonebook entries to the handset phonebook of another compatible Panasonic handset.

Copying one entry

1 Find the desired handset phonebook entry (page 16). → 🖾

2 "Copy" → OK

3 Enter the handset number you wish to send the handset phonebook entry to.
  • When an entry has been copied, "Completed" is displayed.
  • To continue copying another entry:
    "Yes" → OK → Find the desired handset phonebook entry. → OK

4 [✆]

Copying all entries

1 🖾 (left soft key) → 🖾

2 "Copy All" → OK

3 Enter the handset number you wish to send the handset phonebook entry to.
  • When all entries have been copied, "Completed" is displayed.

4 [✆]

Character entry

The dial keys are used to enter characters and numbers. Each dial key has multiple characters assigned to it. The available character entry modes are Alphabet (ABC), Numeric (0-9), Greek (ABΓ), Extended 1 (AÄÅ), Extended 2 (SŚŠ), and Cyrillic (АБВ). For SMS messages, Alphabet (ABC), Numeric (0-9), Greek (ABΓ), and Extended (AÄÅ) modes are available. When in these entry modes except Numeric, you can select which character is entered by pressing a dial key repeatedly.

– Press 【◄】 or 【►】 to move the cursor.
– Press dial keys to enter characters and numbers.
– Press 【C/⌫】 to erase the character or number highlighted by the cursor. Press and hold 【C/⌫】 to erase all characters or numbers.
– Press 【✱】 to switch between uppercase and lowercase.
– To enter another character located on the same dial key, press 【►】 to move the cursor to the next space, then press the appropriate dial key.

Character entry modes
Several character entry modes can be used when entering text. The characters that can be entered depend on the entry mode.

Characters available in each character entry mode

When the unit displays the character entry screen:
🔘 (right soft key) → Select a character entry mode. → 🆗

Note:
● For character entry when writing SMS messages, see page 43.

Alphabet character table (ABC)

0	1	(ABC)2	(DEF)3	(GHI)4	(JKL)5	(MNO)6	(PQRS)7	(TUV)8	(WXYZ)9
Space 0	Space # & ' ( ) ✱ , - . / 1	A B C 2	D E F 3	G H I 4	J K L 5	M N O 6	P Q R S 7	T U V 8	W X Y Z 9
		a b c 2	d e f 3	g h i 4	j k l 5	m n o 6	p q r s 7	t u v 8	w x y z 9

Numeric entry table (0-9)

0	1	(ABC)2	(DEF)3	(GHI)4	(JKL)5	(MNO)6	(PQRS)7	(TUV)8	(WXYZ)9
0	1	2	3	4	5	6	7	8	9

Greek character table (ABΓ)

0	1	(ABC)2	(DEF)3	(GHI)4	(JKL)5	(MNO)6	(PQRS)7	(TUV)8	(WXYZ)9
Space 0	Space # & ' ( ) ✱ , - . / 1	A B Γ 2	Δ E Z 3	H Θ I 4	K Λ M 5	N Ξ O 6	Π P Σ 7	T Y Φ 8	X Ψ Ω ð 9

Useful Information

Extended 1 character table (AÄÅ)

(0)	(1)	(ABC 2)	(DEF 3)	(GHI 4)	(JKL 5)	(MNO 6)	(PQRS 7)	(TUV 8)	(WXYZ 9)
Space 0	Space # & ' ( ) * , - . / 1	A À Á Â Ã Ä Å Æ B C Ç 2	D E È É Ê Ë Ē F 3	G Ğ H Ì Í Î Ï Ĩ Ì Ï 4	J K L 5	M N Ñ O Ò Ó Ô Õ Ö ø 6	P Q R S Ş ß 7	T U Ù Ú Û Ü Ũ V 8	W Ŵ X Y ŷ Z 9
		a à á â ã ä å æ b c ç 2	d e è é ê ë ē f 3	g ğ h ì í î ï ĩ ı ĭ 4	j k l 5	m n ñ o ò ó ô õ ö ø 6	p q r s Ş ß 7	t u ù ú û ü ũ v 8	w Ŵ x y ŷ z 9

● The following are used for both uppercase and lowercase: ø Ş Ŵ ŷ

Extended 2 character table (SŚŠ)

(0)	(1)	(ABC 2)	(DEF 3)	(GHI 4)	(JKL 5)	(MNO 6)	(PQRS 7)	(TUV 8)	(WXYZ 9)
Space 0	Space # & ' ( ) * , - . / 1	A Á Ä Ą B C Ć Č 2	D Ď E É Ę Ě F 3	G H I Í 4	J K L Ł Ĺ Ľ 5	M N Ń Ň O Ó Ö Ő 6	P Q R Ŕ Ř S Ś Š 7	T Ť U Ú Ü Ű ů V 8	W X Y ý Ý Z Ź Ż Ž 9
		a á ä Ą b c Ć Č 2	d ď e é Ę ě f 3	g h i í 4	j k l Ł Ĺ Ľ 5	m n Ń ň o ó ö ő 6	p q r Ŕ ř s Ś Š 7	t ť u ú ü ű ů v 8	w x y ý ý z Ź Ż Ž 9

● The following are used for both uppercase and lowercase:

Ą Ć Č Ę Ł Ĺ Ľ Ń Ŕ Ś Š ů ý Ź Ż Ž

Cyrillic character table (АБВ)

(0)	(1)	(ABC 2)	(DEF 3)	(GHI 4)	(JKL 5)	(MNO 6)	(PQRS 7)	(TUV 8)	(WXYZ 9)
Space 0 ґ Є І ї ў	Space # & ' ( ) * , - . / 1	А Б В Г 2	Д Е Ж З 3	И Й К Л 4	М Н О П 5	Р С Т У 6	Ф Х Ц Ч 7	Ш Щ Ъ Ы 8	Ь Э Ю Я 9

When writing SMS messages

Alphabet character table (ABC)

⓪	①	(ABC)2	(DEF)3	(GHI)4	(JKL)5	(MNO)6	(PQRS)7	(TUV)8	(WXYZ)9
Space 0	Space . @ / : ; ✱ # + - 1 " ' , ! ¡ ? ¿ _ € £ $ ¥ ( ) [ ] { } & % \ ^ ~ ∣ < > = ¤ §	A B C 2	D E F 3	G H I 4	J K L 5	M N O 6	P Q R S 7	T U V 8	W X Y Z 9
		a b c 2	d e f 3	g h i 4	j k l 5	m n o 6	p q r s 7	t u v 8	w x y z 9

Numeric entry table (0-9)

⓪	①	(ABC)2	(DEF)3	(GHI)4	(JKL)5	(MNO)6	(PQRS)7	(TUV)8	(WXYZ)9
0	1	2	3	4	5	6	7	8	9

Greek character table (ΑΒΓ)

⓪	①	(ABC)2	(DEF)3	(GHI)4	(JKL)5	(MNO)6	(PQRS)7	(TUV)8	(WXYZ)9
Space 0	Space . @ / : ; ✱ # + - 1 " ' , ! ¡ ? ¿ _ € £ $ ¥ ( ) [ ] { } & % \ ^ ~ ∣ < > = ¤ §	Α Β Γ 2	Δ Ε Ζ 3	Η Θ Ι 4	Κ Λ Μ 5	Ν Ξ Ο 6	Π Ρ Σ 7	Τ Υ Φ 8	Χ Ψ Ω 9

Extended character table (AÄÅ)

⓪	①	(ABC)2	(DEF)3	(GHI)4	(JKL)5	(MNO)6	(PQRS)7	(TUV)8	(WXYZ)9
Space 0	Space . @ / : ; ✱ # + - 1 " ' , ! ¡ ? ¿ _ € £ $ ¥ ( ) [ ] { } & % \ ^ ~ ∣ < > = ¤ §	A À Á Â Ã Ä Å Æ B C Ç 2	D E È É Ê Ë Ē F 3	G Ğ H I Ì Í Î Ï Ī İ 4	J K L 5	M N Ñ O Ò Ó Ô Õ Ö ø 6	P Q R S Ş ß 7	T U Ù Ú Û Ü Ŭ V 8	W X Y Z 9
		a à á â ã ä å æ b c ç 2	d e è é ê ë ē f 3	g ğ h i ì í î ï ī ı 4	j k l 5	m n ñ o ò ó ô õ ö ø 6	p q r s Ş ß 7	t u ù ú û ü ŭ v 8	w x y z 9

- The following are used for both uppercase and lowercase: ø Ş

Useful Information

Error messages

Error message	Cause & solution
Answer Sys. Full[*1]	● Erase unnecessary messages (page 33).
Error[*1]	● Recording was too short. Try again.
Failed	● Phonebook copy failed. Confirm the other handset (the receiver) is in standby mode and try again.
Incomplete	● The receiver's phonebook memory is full. Erase the unnecessary phonebook entries from the other handset (the receiver) and try again.
Invalid Number	● You tried to send an SMS message to a phone number saved in the handset phonebook, caller list, or redial list that is over 20 digits long.
Memory Full	● The handset's phonebook memory is full. Erase unnecessary entries (page 17). ● Message memory becomes full. Erase unnecessary messages (page 33).[*1]
SMS Full	● Erase unnecessary messages (page 29, 30).
You must first subscribe to Caller ID.	● You must subscribe to Caller ID service. Once you receive caller information after subscribing to Caller ID service, this message will not be displayed.

*1 KX-TG8120 and KX-TG8122 only

Troubleshooting

If you still have difficulties after following the instructions in this section, disconnect the AC adaptor and turn off the handset, then reconnect the AC adaptor and turn on the handset.

Telephone

Problem	Cause & solution
⍦ is flashing.	● The handset is not registered to the base unit. Register it (page 37). ● The handset is too far from the base unit. Move closer. ● The AC adaptor is not connected. Check the connections. ● You are using the handset or base unit in an area with high electrical interference. Place the handset and base unit away from interference sources, such as antennas and mobile phones.

Problem	Cause & solution
The handset display is blank.	● The handset is in screen saver mode (page 11). Press **【✆】** to activate the handset display again.
	● The handset is not turned on. Turn the power on (page 11).
The handset will not turn on.	● Make sure that the batteries are installed correctly (page 10).
	● Fully charge the batteries (page 10).
	● Clean the charge contacts and charge again (page 10).
I have changed the display language to a language I cannot read.	● Change the display language (page 12).
I cannot make or receive calls.	● The AC adaptor or telephone line cord is not connected. Check the connections.
	● If you are using a splitter to connect the unit, remove the splitter and connect the unit to the wall socket directly. If the unit operates properly, check the splitter.
	● Disconnect the base unit from the telephone line and connect the line to a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your service provider/telephone company.
	● You dialled a call restricted number (page 24).
	● The key lock feature is turned on. Turn it off (page 14).
The unit does not ring.	● The ringer volume is turned off. Adjust the ringer volume (page 19, 23).
	● The night mode feature is turned on. Turn it off (page 21).
The batteries should be charging but the battery icon does not change.	● Clean the charge contacts and charge again (page 10).
A busy tone is heard when **【✆】** is pressed.	● The handset is too far from the base unit. Move closer and try again.
	● Another handset is in use or the answering system is being used. Wait and try again later.

Useful Information

Problem	Cause & solution
Static is heard, sound cuts in and out. Interference from other electrical units.	• Place the handset and the base unit away from other electrical appliances. • Move closer to the base unit. • Your unit is connected to a telephone line with DSL service. We recommend connecting a filter (contact your DSL service provider) to the telephone line between the base unit and the telephone line jack.
Noise is heard during a call.	• You are using the handset or base unit in an area with high electrical interference. Place the handset and base unit away from interference sources, such as antennas and mobile phones.
The handset/base unit stops working while being used.	• Disconnect the AC adaptor and turn off the handset. Connect the AC adaptor, turn on the handset and try again.
Pressing ⊙ does not display/dial the last number dialled.	• The redialled number was more than 24 digits long. Redial the number manually.
Mute does not turn off after the line is connected.	• Press 【C/⊠】.
The handset beeps intermittently and/or ▭ flashes.	• Fully charge the batteries (page 10).
I fully charged the batteries, but ▭ still flashes.	• Clean the charge contacts and charge again (page 10). • It is time to replace the batteries (page 10).
Caller information is not displayed.	• You must subscribe to Caller ID service. • Your unit is connected to a telephone line with DSL service. We recommend connecting a filter (contact your DSL service provider) to the telephone line between the base unit and the telephone line jack.
While viewing caller information, the display returns to standby mode.	• Do not pause for over 1 minute while searching.
I cannot register a handset to a base unit.	• The maximum number of base units (4) are already registered to the handset. Cancel unused base unit registrations from the handset (page 38). • The maximum number of handsets (6) are already registered to the base unit. Cancel unused handset registrations from the base unit (page 38). • You entered the wrong PIN number. If you forget your PIN, see "I cannot remember the PIN." (page 47). • Place the handset and the base unit away from other electrical appliances.

Problem	Cause & solution
I cannot remember the PIN.	● Change the PIN using the following method.
	1 🔲 (middle soft key)
	2 Select 📇 by pressing **[▲]**, **[▼]**, **[◄]**, or **[►]**. → **OK** (middle soft key)
	3 "Other Options" → **OK**
	4 "Base Unit PIN" → **OK**
	5 Press **[✳][7][0][0][0]**.
	6 Enter the new 4-digit base unit PIN. → **OK** → **[✕◯]**

SMS (Short Message Service)

Problem	Cause & solution
I cannot send or receive SMS messages.	● You have not subscribed to the appropriate service. Consult your service provider/telephone company.
	● The SMS message centre number(s) are not stored or are incorrect. Store the correct numbers (page 27).
	● Message transmission was interrupted. Wait until the message has been sent before using other telephone functions.
	● Your unit is connected to a telephone line with DSL service. We recommend connecting a filter (contact your DSL service provider) to the telephone line between the base unit and the telephone line jack.
The SMS message centre number is logged in the caller list and the message is not received.	● Someone tried to send you a message while SMS is turned off.
"**FD**" is displayed.	● The unit could not connect to the SMS message centre. Confirm that the correct SMS message centre numbers are stored (page 27). Confirm that SMS is turned on (page 27).
"**FE**" is displayed.	● An error occurred while sending the message. Try again.
"**E0**" is displayed.	● Your phone number is permanently withheld or you have not subscribed to the appropriate service. Consult your service provider/telephone company.
"✓" is not displayed after I read a message.	● When an error code ("**FD**", "**FE**", or "**E0**") is displayed, "✓" will not be displayed even if you have read the message.

Useful Information

Answering system (KX-TG8120 and KX-TG8122 only)

Problem	Cause & solution
The unit does not record new messages.	● The answering system is turned off. Turn it on (page 32). ● The recording time is set to **"Greeting Only"**. Select **"1 Minute"** or **"3 Minutes"** (page 36). ● If you subscribe to the voice mail service, messages are recorded by your service provider/telephone company not your telephone. Change the unit's **"Number of Rings"** setting so that the unit's answering system can answer the call before the voice mail service or consult your service provider/telephone company (page 36).
The other party complains that they cannot leave a message.	● The recording time is set to **"Greeting Only"**. Select **"1 Minute"** or **"3 Minutes"** (page 36).
I cannot operate the answering system with the handset.	● The base unit or another handset is being used. Wait for the other user to finish. ● A caller is leaving a message. Wait for the caller to finish. ● The handset is too far from the base unit. Move closer.
When I try to operate the answering system with the base unit, [⚏] flashes for a few seconds and I cannot operate the answering system.	● Another handset is being used. Wait for the other user to finish. ● A caller is leaving a message. Wait for the caller to finish.
I cannot operate the answering system remotely.	● You are entering the wrong remote access code. If you forget the remote access code, store a new remote access code again (page 34). ● You are pressing the dial keys too quickly. Press each key firmly. ● The answering system is turned off. Turn it on (page 35). ● You are using a pulse telephone. Try again using a touch tone phone.
While recording a greeting message or listening to messages, the unit rings and recording stops.	● A call is being received. Answer the call and try again later.

Specifications

■ **Standard:**
DECT (Digital Enhanced Cordless Telecommunications),
GAP (Generic Access Profile)

■ **Number of channels:**
120 Duplex Channels

■ **Frequency range:**
1.88 GHz to 1.9 GHz

■ **Duplex procedure:**
TDMA (Time Division Multiple Access)

■ **Channel spacing:**
1,728 kHz

■ **Bit rate:**
1,152 kbit/s

■ **Modulation:**
GFSK (Gaussian Frequency Shift Keying)

■ **RF transmission power:**
Approx. 250 mW

■ **Voice coding**[*1]
ADPCM 32 kbit/s

■ **Power source:**
220–240 V, 50 Hz

■ **Power consumption**
Base unit:
Standby: Approx. 1.9 W
Maximum: Approx. 6.8 W
Charger[*2]**:**
Standby: Approx. 1.5 W
Maximum: Approx. 3 W

■ **Operating conditions:**
5 °C–40 °C, 20 %–80 % relative air humidity (dry)

■ **Dimensions:**
Base unit: Approx. 63 mm × 173 mm × 99 mm
Handset: Approx. 155 mm × 48 mm × 34 mm
Charger[*2]**:** Approx. 61 mm × 87 mm × 95 mm

■ **Mass (weight):**
Base unit: Approx. 210 g (KX-TG8100/KX-TG8102)
Base unit: Approx. 250 g (KX-TG8120/KX-TG8122)
Handset: Approx. 140 g
Charger[*2]**:** Approx. 90 g

*1 KX-TG8120 and KX-TG8122 only
*2 KX-TG8102 and KX-TG8122 only

Note:

● Specifications are subject to change.
● The illustrations used in these operating instructions may differ slightly from the actual product.

Useful Information

Conditions of guarantee

This guarantee is in addition to and does not in any way affect any statutory or other rights of consumer purchasers. If within the applicable guarantee period, the appliance proves to be defective by reason of faulty design, workmanship or materials, we undertake subject to the following conditions to have the defective appliance (or any part or parts there of) repaired or replaced free of charge.

1. The appliance shall have been purchased and used solely within either the UK or ROI and in accordance with standard operating instructions and the technical and/or Safety Standards required in the UK.
2. The appliance should be returned together with this guarantee and proof of date of purchase promptly on being found defective at the purchaser's risk and expense to the authorised dealer from whom the appliance was purchased or to the nearest authorised dealer. All enquires must be through such dealers.
3. This guarantee shall not apply to damage caused through fire, accident, lightning, misuse, wear and tear, neglect, incorrect adjustment or repair, to damage caused through installation, adaption, modification or use in an improper manner or inconsistent with the technical and/or safety standards required in the country where this appliance is used, or to damage occurred during transit to or from the purchaser.
4. If at any time during the guarantee period any part or parts of the appliance are replaced with a part or parts not supplied or approved by us or of an objective quality safe and suitable for the appliance, or the appliance has been dismantled or repaired by any person not authorised by us, we shall have the right to terminate this guarantee in whole or in part immediately without further notice.
5. The purchaser's sole and exclusive remedy under this guarantee against us is for the repair or replacement of the appliance or any defective part or parts and no other remedy, including, but not limited to, incidental or consequential damage or loss of whatsoever nature shall be available to the purchaser.
6. This guarantee shall not apply to batteries and any other items of limited natural life.
7. Our decision on all matters relating to complaints shall be final. Any appliance or defective part which has been replaced shall become our property.
8. The guarantee period applicable to this product shall be 12 months.
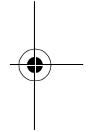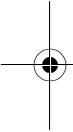
Please keep these operating instructions with your receipt.

Panasonic Business Systems U.K.

Receipt No.	Date of purchase
Model No.	Serial No.

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Sales and support information

Customer Care Centre

- For customers within the UK: 08700 100 076
- For customers within the Republic of Ireland: 01289 8333
- Visit our website for product information: **www.panasonic.co.uk**
- E-mail: **customer.care@panasonic.co.uk**

Direct Sales at Panasonic UK

- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Care Centre Monday - Thursday 9:00am - 5:30pm, Friday 9:30am - 5:30pm (Excluding public holidays).
- Or go on line through our Internet Accessory ordering application at **www.panasonic.co.uk**
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK Ltd.
- It couldn't be simpler!
- Also available through our Internet is direct shopping for a wide range of finished products, take a browse on our website for further details.

Customer Care Helpline Tel. No.: U.K. 08700 100 076 / R.O.I. 01289 8333

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