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

CE0470

1999/5/EC

Sales Department:
Panasonic Business Systems U.K.
Panasonic House, Willoughby Road, Bracknell, Berkshire, RG12 8FP

Panasonic Communications Zhuhai Co., Ltd.
3 Ping Xi 8 Lu, Nanping Keji Gongye Yuan, Zhuhai, Guangdong, China 519060

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TG9120E

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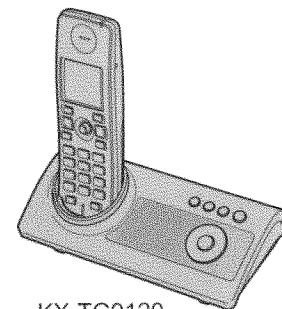
Panasonic

Operating Instructions

Digital Cordless Answering System

Model No. **KX-TG9120E**
KX-TG9140E
KX-TG9150E

KX-TG9120

SMS

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

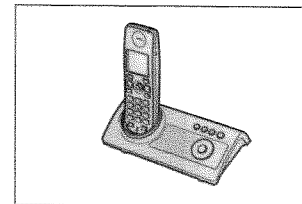Panasonic Testing Centre

Winsbergring 15, 22525 Hamburg, Germany

Trademarks:

- Eatoni and LetterWise are trademarks of Eatoni Ergonomics, Inc.
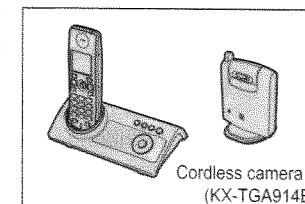- Skype, SkypeIn, SkypeOut and the S logo are trademarks of Skype Limited.

Product introduction

These operating instructions can be used for the KX-TG9120, KX-TG9140, and KX-TG9150 digital cordless answering systems.
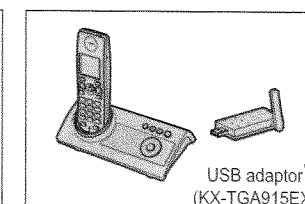
KX-TG9120   **KX-TG9140**   **KX-TG9150**

Cordless camera*1 (KX-TGA914E)   USB adaptor*1 (KX-TGA915EX)

*1 Comes pre-registered to the base unit. Refer to the included operating instructions.

Notable differences among KX-TG9120, KX-TG9140, and KX-TG9150

Feature	KX-TG9120	KX-TG9140	KX-TG9150
Camera monitoring using the handset	— *1	●	— *1
Free internet calls (between Skype users)	— *2	— *2	●

*1 Available by purchasing and registering the optional cordless camera (KX-TGA914E, page 4).

*2 Available by purchasing and registering the optional USB adaptor (KX-TGA915EX, page 4).

Feature highlights

Camera monitoring using the handset (KX-TGA914E Cordless camera required)

- You can monitor the room where the cordless camera is located when:
  - you access the cordless camera using the handset
  - the cordless camera pages the handset when it detects sound
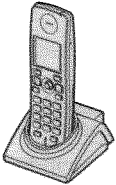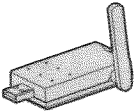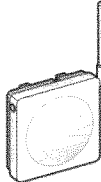 - the cordless camera user pages the handset using the call button

Free internet calls using Skype (KX-TGA915EX USB adaptor required)

- You can make free calls over the Internet to anyone in the world who has Skype.
- Skype software is free and works with most computers.
- Skype software is easy to download and use.

Expanding your phone system

You can expand your phone system by registering the optional devices to a single base unit (KX-TG9120, KX-TG9140, or KX-TG9150).

● A maximum of 6 total units (optional and included) can be registered to a single base unit.

Optional devices	
Additional Digital Cordless Handset KX-TGA910E max. 5	Cordless Camera KX-TGA914E (For camera monitoring) max. 5
USB Adaptor KX-TGA915EX (For calls over the Internet)[1] max. 1[2]	DECT Adaptor VL-GD001E (For adding a Video Intercom System [VL-G201CE]) max. 1

[1] By registering the USB adaptor KX-TGA915EX to your base unit and installing Skype software to your computer, you can make calls with your handset over the Internet via the computer.
[2] KX-TG9150: An additional USB adaptor cannot be registered.

Preparation

✎ Making/Answering Calls

◫ Phonebooks

⌐ Handset Settings

⬛ Base Unit Settings

✲) Caller ID Service

✉ SMS (Short Message Service)

📠 Answering System Features

Multi-unit Operation

Useful Information

Index

Accessory information

Included accessories

No.	Accessory items	Quantity		
		KX-TG9120	KX-TG9140	KX-TG9150
①	AC adaptor for base unit Part No. PQLV207EZ (PQLV207E)	1	1	1
②	Telephone line cord Part No. PQJA87S or PQJA10180Z (for UK)	1	1	1
③	Rechargeable batteries AAA (R03) size Part No. HHR-4EPT	2	2	2
④	Handset cover*1 Part No. PQYNTG9120E	1	1	1
⑤	Belt clip Part No. PQKE10456Z1	1	1	1
⑥	Audio cable Part No. PQJA10165Z	1	1	1
⑦	Cordless camera Part No. KX-TGA914E	—	1	—
⑧	AC adaptor for cordless camera Part No. PQLV209EZ (PQLV209E)	—	1	—
⑨	Wall-mounting adaptor for cordless camera Part No. PQLP10267Z	—	1	—
⑩	Call button for cordless camera Part No. PQLP10270Z	—	1	—
⑪	USB adaptor Part No. KX-TGA915EX	—	—	1
⑫	USB extension cable Part No. PQJA10173Z	—	—	1
⑬	CD-ROM*2 Part No. PQJKTG9150Z	—	—	1

*1 The handset cover comes attached to the handset.
*2 Allows you to install the USB Adaptor Utility on a compatible computer.
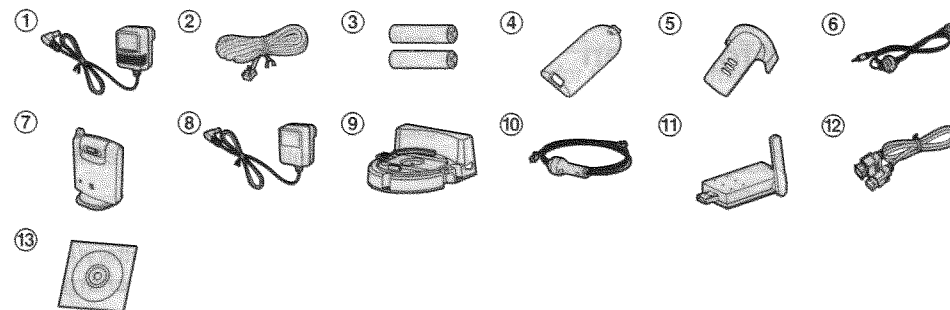
Additional/replacement accessories

Please contact your nearest Panasonic dealer for sales information.

No.	Model No.	Description
①	P03P	2 rechargeable nickel metal hydride (Ni-MH) batteries, AAA (R03) size
②	KX-TCA717EX	Wall-Mounting Adaptor (for the base unit)
③	KX-TCA94EX	Headset
④	KX-A272	DECT repeater
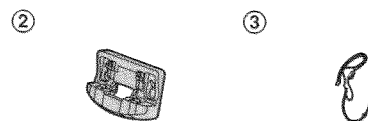
Note:
● You can expand your phone system by registering optional Panasonic devices (page 4).

Important information

General

● Use only the AC adaptor included with this product, noted on page 6.

● 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 product 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 product 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 emitting and contact an authorised service centre.

Battery caution

● We recommend using the battery(ies) noted on page 7. **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 with 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)
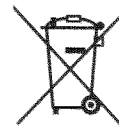
This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free 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.
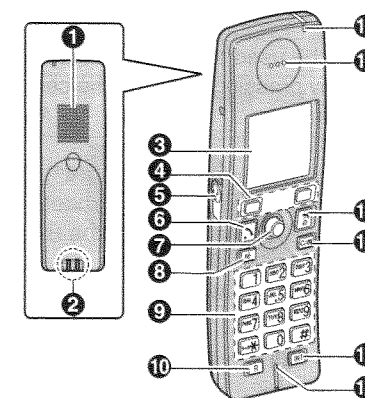
Information on Disposal in other Countries outside the European Union

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/Audio jack
❻ [➘] (Talk)
❼ Joystick
❽ [⊏⧖] (Speakerphone)
❾ Dial keypad
❿ [R] (Recall)
⓫ Charge indicator/Ringer indicator/ Message indicator
⓬ Receiver
⓭ [➹①] (Off/Power)
⓮ [C/✉] (Clear/Mute)
⓯ [INT] (Intercom)
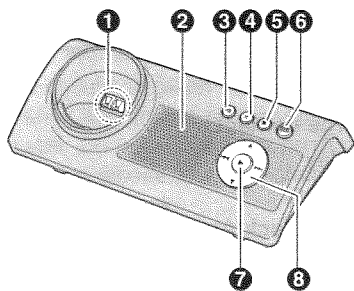⓰ Microphone

Using the joystick

The handset joystick can be used to navigate through menus and to select items shown on the display, by pushing it up, down, left, or right.
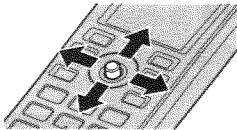
It can also be used to select the centre soft key icon, by pressing down on the centre of the joystick.
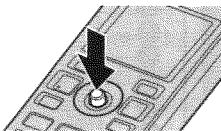
Base unit

① Charge contact
② Speaker
③ [•))] (Page)
④ [✕] (Erase)
⑤ [■] (Stop)
⑥ [⊞] (Answer on)/Answer on indicator
⑦ [►] (Play)/Message indicator
⑧ Navigator key ([▲]/[▼]/[►►|]/[|◄◄])

Displays

Display icons

Display icon	Meaning
ⵙ	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 37)
▦	Answering system is on (page 45) and/or new messages have been recorded. (page 45)
⊕	Answering system is full.
⟨⟨	Answering system answers calls with a greeting message and caller messages are not recorded. (page 49)
☺	An audible call announcement has been recorded for this entry. (page 24)
▤	Battery strength
⊕	Alarm is on. (page 28)
☎	Voice enhancer is set to high or low tone. (page 18)
☒	Call privacy mode is on. (page 18)
⊠	Mute is on. (page 18)

Display icon	Meaning
ⵙ	Ringer volume is off. (page 28)
☽	Night mode is on. (page 30)
✉	New SMS message received[*2] (page 42)
⊞	Displayed when writing an SMS message.[*2] (page 41)
◶	SMS memory is full.[*2]
IN USE	Line or answering system is being used by another handset or the base unit.

*1 Caller ID subscribers only
*2 SMS users only

Cordless camera KX-TGA914E users only

Display icon	Meaning
◙1	Handset is connected to the cordless camera. • When flashing: Cordless camera is paging the handset because it detected sound or its call button was pressed.

USB adaptor KX-TGA915EX users only

Display icon	Meaning
IP⬛	Handset is in IP phone mode. • When flashing: An internet call is being received.
→IP⬛	Missed internet call

Menu icons

When in standby mode, pressing down on the centre of the joystick 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)
▦	▣	Answer System
◖⬛	▣	Display Setup[*1]
▮	⬛	Handset Setup
◸	▭	Base Unit Setup

*1 ▯ ("Ph.Book Setup") is displayed instead of ◖⬛ ("Display Setup") for USB adaptor KX-TGA915EX users.

▯	▦	Ph.Book Setup

Soft keys

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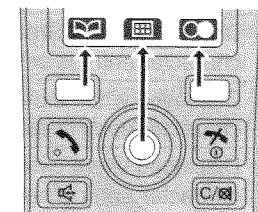
Soft key icons

Soft key icon	Action
◪	Returns to the previous screen.
◥	Allows you to make an intercom calls.

Soft key icon	Action
📖 📖	Displays the menu.
OK OK	Accepts the current selection.
◯	Displays a previously dialled phone number.
📖	Opens the handset phonebook.
📖	Opens the shared phonebook.
🔍	Displays the phonebook search menu.
🔒	Turns the key lock feature off. (page 18)
AM/PM/24	Switches between AM, PM, and 24-hour time entry.
🔤	Displayed when LetterWise® character entry is selected.
ABC	Displayed when alphabet character entry is selected.
0-9	Displayed when numeric character entry is selected.
ABΓ	Displayed when Greek character entry is selected.
ÀÁÂ	Displayed when extended 1 character entry is selected.
SSS	Displayed when extended 2 character entry is selected.
АБВ	Displayed when Cyrillic character entry is selected.
🔊	Turns the answering system on/off.
🔴	Starts recording. (page 29)
⏹	Stops recording or playback.
P	Inserts a dialling pause. (page 18)
✖	Erases the selected item.

Soft key icon	Action
🖼	Displays the picture list.
🖼	Displays the selected phonebook entry.
🖼	Displays the picture.
▱	Goes to the next screen.
▽	Establishes a conference call.
💾 💾	Saves the handset phonebook entry or the recorded melody data.
✓	Selects the highlighted item.
↵	Inserts a character.

Cordless camera KX-TGA914E users only

Soft key icon	Action
🔆	Adjusts the display brightness.
🔍	Switches between Zoom In and Normal mode.
🔊	Selects the audio detection sensitivity.

USB adaptor KX-TGA915EX users only

Soft key icon	Action
📟	Allows you to make an internet call.
🔄	Switches to Outgoing call history for internet calls.
🔄	Switches to Incoming call history for internet calls.
🔊	Switches to Voicemail history for internet calls.
🔇	Rejects the 2nd call.
⏸	Places the internet call on hold.

Connections

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.
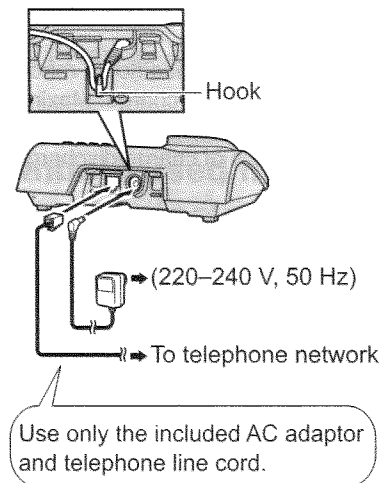
Note:
- Never install telephone wiring during a lightning storm.
- The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted 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.

Battery installation/replacement

Important:
- Use only the included rechargeable batteries noted on page 6, 8.
- When replacing batteries, we recommend using the Panasonic rechargeable batteries noted on page 7, 8.
- Wipe the battery ends (⊕, ⊖) with a dry cloth.
- When installing the batteries, avoid touching the battery ends (⊕, ⊖) or the unit contacts.

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 (⊕) end first.
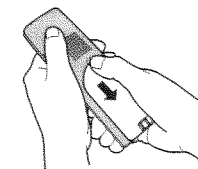
2 Insert the batteries negative (⊖) end first. Close the handset cover.
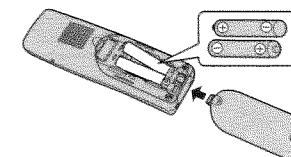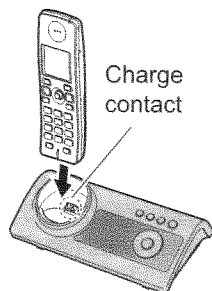
Battery charge

Place the handset on the base unit for about 7 hours before initial use.
When charging, "Charging" will be displayed.
When the batteries are fully charged, "Charge Completed" will be displayed.

- While charging, the charge indicator on the handset lights in amber. When the batteries are fully charged, the charge indicator lights in green.

Charge contact

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 and base unit 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	15 hours max.
In continuous standby mode	240 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 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 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.
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 【✆⊙】 until a short beep sounds.

Power off

Press 【✆⊙】 for about 2 seconds.

Symbols used in these operating instructions

Symbol	Meaning
🖩	Press 🖩 (centre of joystick).
→	Proceed to the next operation.
OK	Press OK (centre of joystick).
➜ ✉ 📠 📲 📱 📞	Select the mentioned handset menu icon (page 11).
Example: 📱 (handset setup menu icon)
Select 📱 by pushing the joystick in any direction.
" "	Select the words in quotations shown on the display (e.g., "Time Settings") by pushing the joystick up or down.

Display language

1　【✆⊙】 → 🖩 (centre of joystick)
2　Select 📱 by pushing the joystick in any direction. → OK (centre of joystick)
3　Push the joystick up or down to select "Display Setup". → OK
4　Push the joystick up or down to select "Select Language". → OK
5　Push the joystick up or down to select the desired language. → OK → 【✆⊙】

Note:
- If you select a language you cannot read, press 【✆⊙】, press 🖩, select 📱, press OK, push the joystick down 2 times, press OK, push the joystick down 2 times, press OK, select the desired language, then press OK. Press 【✆⊙】.

Date and time

1 ▦ (centre of joystick)

2 Select 📞 by pushing the joystick in any direction. → **OK** (centre of joystick)

3 Push the joystick up or down to select "**Time Settings**". → **OK**

4 Push the joystick up or down 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, use the joystick to move the cursor to the digit, then make the correction.

● The date and time may be incorrect after a power failure. In this case, set the date and time again.

Time adjustment (Caller ID subscribers only)

This feature allows the unit to automatically adjust the date and time each time caller information is received. To use this feature, your caller ID service must provide caller information, including date and time, in FSK protocol. Consult your service provider/ telephone company for details.
To turn this feature on, select "**Caller ID[Auto]**". To turn this feature off, select "**Manual**".

1 ▦ (centre of joystick) → 📞 → **OK**

2 "**Time Settings**" → **OK**

3 "**Time Adjustment**" → **OK**

4 "**Caller ID[Auto]**" or "**Manual**" → **OK** → **[✆☉]**

Important:

● To use this feature, set the date and time first (page 16).

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 **[✆☉]** or place the handset on the base unit.

Speakerphone

1 During a conversation, press **[🕫]** to turn on the speakerphone.
   ● Speak alternately with the caller.

2 When finished talking, press **[✆☉]**.

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
Push the joystick up or down while on a call.

Redial feature

Previously dialled phone numbers (each 48 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 Push the joystick up or down 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 **[✆☉]**.

To edit a number in the redial list before calling it

1 **○** (right soft key)

2 Push the joystick up or down to select the desired number. → ▦

3 "**Edit and Call**" → **OK**

4 Use the joystick 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 Push the joystick up or down 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** → **[✆☉]**

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

1 **○** (right soft key)

2 Push the joystick up or down to select the desired number. → ▦

3 "**Add Phonebook**" → **OK**

4 "**Name**" → **OK**

5 Enter a name (16 characters max.; page 55). → **OK**

6 "**<Save>**" → **OK** → **[✆☉]**
   ● You can also press 🔲 to save the entry.
   ● To assign a category to the entry, continue from step 7, "Adding entries to the handset phonebook", page 20.

Other features

Voice enhancer

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

1 Press 📖 during a call.

2 "Voice Enhancer" → **OK**

3 "High Tone" or "Low Tone" → **OK**
   ● ₵ is displayed.

Call share

A 2nd handset can join an existing outside call.

To join the conversation, press [📞] / [📢] when the other handset is on an outside call.

Note:

● A 2nd handset cannot join an outside call that is being recorded (page 19).

Call privacy

Call privacy allows you to prevent other users from joining your conversations with outside callers. To allow other users to join your conversations, leave this feature off. The default setting is "Off".

1 Press 📖 during an outside call.

2 "Privacy" → **OK**

3 "On" or "Off" → **OK**
   ● When this feature is turned on, ⚿ is displayed.

Note:

● This feature will turn off after you hang up the call.

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/⊠].

● ⊠ is displayed.

● 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 📖 (centre of joystick) for about 2 seconds.

● 🔒 is displayed.

● To turn key lock off, press 🔒 (centre of joystick) for about 2 seconds.

Call waiting - [R] button

If a second call is received while in a 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 35).

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

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 46.

Answering calls

When a call is being received, the ringer indicator on the handset flashes.

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.

Auto talk feature

You can answer calls simply by lifting the handset off the base unit. You do not need to press [📞]. To turn this feature on, see page 32.

To adjust the ringer volume when receiving a call

Push the joystick up or down.

Other features

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 store up to 3 phone numbers for each entry and assign each handset phonebook entry to the desired category.
The total number of entries that can be stored varies by the number of phone numbers stored for each entry, as shown below:

1 name + 1 phone number	200 entries
1 name + 2 phone numbers	133 entries
1 name + 3 phone numbers	100 entries

Adding entries to the handset phonebook

1. ■ **KX-TG9120/KX-TG9140 (no USB adaptor registered):**
   📖 (left soft key) → 🖼

   ■ **KX-TG9150 or USB adaptor registered model:**
   🖼 (centre of joystick) → 🟥 → **OK** → 🖼

2. "New Entry" → **OK**
3. "Name" → **OK**
4. Enter the party's name (16 characters max.; page 55). → **OK**
5. "Phone No. 1" → **OK**
   ● You can store up to 3 phone numbers for each entry.
6. Enter the party's phone number (24 digits max.). → **OK**
7. "Category 1" → **OK**
8. Select the desired category. → **OK**
9. "<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 37).

Changing category names

1. ■ **KX-TG9120/KX-TG9140 (no USB adaptor registered):**
   📖 (left soft key) → 🖼

   ■ **KX-TG9150 or USB adaptor registered model:**
   🖼 (centre of joystick) → 🟥 → **OK** → 🖼

2. "Category" → **OK**
3. Select the desired category. → **OK**
4. "Category Name" → **OK**
5. Edit the name (10 characters max.; page 55). → **OK** → [✱☉]

Finding and calling a handset phonebook entry

Handset phonebook entries can be searched for alphabetically, by first character, by category, or by scrolling through all handset phonebook entries. When you have found the desired entry, press [☎].
● If more than 1 phone number is assigned to the entry, press [☎] / 🖼. → Select the desired phone number. → [☎] / [📢]

Scrolling through all entries

1. ■ **KX-TG9120/KX-TG9140 (no USB adaptor registered):**
   📖 (left soft key)

   ■ **KX-TG9150 or USB adaptor registered model:**
   🖼 (centre of joystick) → 🟥 → **OK**

2. Push the joystick up or down to display the desired entry.

Searching alphabetically

This method is useful when you are searching for an entry which starts with a letter of the alphabet.

1. ■ **KX-TG9120/KX-TG9140 (no USB adaptor registered):**
   📖 (left soft key)

   ■ **KX-TG9150 or USB adaptor registered model:**
   🖼 (centre of joystick) → 🟥 → **OK**

2. Press the dial key ([0] to [9]) which corresponds to the letter you are searching for (page 55).
   ● 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.

3. Push the joystick up or down to scroll through the phonebook if necessary.

Searching by first character (index search)

1. ■ **KX-TG9120/KX-TG9140 (no USB adaptor registered):**
   📖 (left soft key) → 🟦

   ■ **KX-TG9150 or USB adaptor registered model:**
   🖼 (centre of joystick) → 🟥 → **OK** → 🟦

2. "Index Search" → **OK**

3. Press the right soft key repeatedly to select the character entry mode that contains the character you are searching for.

4. Push the joystick in any direction to select the desired character. → **OK**
   ● If there is no entry corresponding to the letter you selected, the next entry will be displayed.

5. Push the joystick up or down to scroll through the phonebook if necessary.

Note:
● In step 4, you can also press the dial key ([0]-[9]) that contains the character you are searching for (page 55).

Searching by category

1. ■ **KX-TG9120/KX-TG9140 (no USB adaptor registered):**
   📖 (left soft key) → 🟦

   ■ **KX-TG9150 or USB adaptor registered model:**
   🖼 (centre of joystick) → 🟥 → **OK** → 🟦

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. Push the joystick up or down to scroll through the phonebook if necessary.

Viewing phonebook entry details

1. Find the desired entry (page 20). → 🟦
   ● The name and phone numbers assigned to the entry are displayed.

2. Push the joystick right or left to view the next or previous entry.

Editing entries in the handset phonebook

Changing a name, phone number, or category

1 Find the desired entry (page 20). →
   📇

2 "Edit" → OK

3 Select the desired item you want to change. → OK

4 **To change the name and phone number**
   Edit the name or phone number. →
   OK
   To change the category
   Select the desired category. → OK

5 "<Save>" → OK → [✆]

Erasing a phone number from an entry

1 Find the desired entry (page 20). →
   📇

2 "Edit" → OK

3 Select the desired phone number you want to erase. → ✖

4 "<Save>" → OK → [✆]

Erasing entries from the handset phonebook

Erasing an entry

1 Find the desired entry (page 20). →
   📇

2 "Erase" → OK

3 "Yes" → OK → [✆]

Erasing all entries

1 ■ **KX-TG9120/KX-TG9140 (no USB adaptor registered):**
   📖 (left soft key) → 📇

■ **KX-TG9150 or USB adaptor registered model:**
   📇 (centre of joystick) → 🔲 → OK
   → 📇

2 "Erase All" → OK

3 "Yes" → OK

4 "Yes" → OK → [✆]

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 20). →
   📇

2 Select the desired phone number you want to assign to a one touch dial key.
   → 📇

3 "One Touch Dial" → OK

4 Push the joystick up or down 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.

5 "Save" → OK → [✆]

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 pushing the joystick up or down.

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 → [✆]

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 Push the joystick up or down to select the desired entry.
   ● To search by first character (index search), see page 21. To search by category, see page 21.

3 Press OK to dial the number.
   ● If more than 1 phone number is assigned to the entry, press 📇 / OK. → Select the desired phone number. → OK

Shared phonebook

The shared phonebook allows you to make calls without having to dial manually. Any handset registered to the same base unit can use the shared phonebook. You can add 20 names and phone numbers to the shared phonebook. If you subscribe to Caller ID service, you can use the shared phonebook's audible call feature (page 38).

Adding entries to the shared phonebook

1 ■ KX-TG9120/KX-TG9140 (no USB adaptor registered):
   📧 (left soft key) → 📖 → 🎹

   ■ KX-TG9150 or USB adaptor registered model:
   🎹 (centre of joystick) → 🗊 → 📧
   → 📖 → 🎹

2 "New Entry" → 📧

3 Enter the party's name (16 characters max.; page 55). → 📧

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

5 To record an audible call announcement
   "Start Recording" → 📧
   To skip recording
   "Skip Recording" → 📧 → Go to step 8.
   ● Audible call (page 38) can be used by Caller ID subscribers only.

6 When "Recording" is displayed, speak into the microphone.
   ● Maximum recording time is 10 seconds.
   ● Hold the handset about 20 cm away and speak clearly into the microphone.

7 Press 🔲 to end recording.

● To change the audible call announcement, press 📧, then repeat from step 5.

8 "Save" → 📧 → [🔆①]

Note:
● Phonebook entries that have an audible call announcement are indicated by 🕭.

Finding and calling a shared phonebook entry

Shared phonebook entries can be searched for by first character or by scrolling through all shared phonebook entries.
Once you have found the desired entry, press [📞] or [🔊] to dial the phone number.

Scrolling through all entries

1 ■ KX-TG9120/KX-TG9140 (no USB adaptor registered):
   📧 (left soft key) → 📖

   ■ KX-TG9150 or USB adaptor registered model:
   🎹 (centre of joystick) → 🗊 → 📧
   → 📖

2 Push the joystick up or down to display the desired entry.

Searching by first character (index search)

1 ■ KX-TG9120/KX-TG9140 (no USB adaptor registered):
   📧 (left soft key) → 📖 → 🔘

   ■ KX-TG9150 or USB adaptor registered model:
   🎹 (centre of joystick) → 🗊 → 📧
   → 📖 → 🔘

2 Press the right soft key repeatedly to select the character entry mode that contains the character you are searching for.

3 Push the joystick in any direction to select the desired character. → 📧

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

4 Push the joystick up or down to scroll through the phonebook if necessary.

Note:
● In step 3, you can also press the dial key ([0]-[9]) that contains the character you are searching for (page 55).

Editing entries in the shared phonebook

Changing a name, phone number, or audible call

1 Find the desired entry (page 24). → 🎹

2 "Edit" → 📧

3 Edit the name if necessary (16 characters max.; page 55). → 📧

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

5 Skip, record, or erase an audible call recording.
   ● To record the audible call announcement, continue from step 5, "Adding entries to the shared phonebook", page 24.
   ● To skip recording, select "Skip Recording". → 📧
   ● To erase the audible call announcement, select "Erase". → 📧

6 "Save" → 📧 → [🔆①]

Playing back an audible call announcement

1 Find the desired entry (page 24). → 🎹

2 "Audible Call" → 📧 → [🔆①]

Erasing entries from the shared phonebook

Erasing an entry

1 Find the desired entry (page 24). → 🎹

2 "Erase" → 📧

3 "Yes" → 📧 → [🔆①]

Erasing all entries

1 ■ KX-TG9120/KX-TG9140 (no USB adaptor registered):
   📧 (left soft key) → 📖 → 🎹

   ■ KX-TG9150 or USB adaptor registered model:
   🎹 (centre of joystick) → 🗊 → 📧
   → 📖 → 🎹

2 "Erase All" → 📧

3 "Yes" → 📧

4 "Yes" → 📧 → [🔆①]

Handset settings

For your reference, a chart of all items which can be customised for the handset is shown below.

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

Handset settings menu	Sub-menu	Sub-menu 2	Default setting	Page
Time Settings	Set Date & Time	—	—	page 16
	Memo Alarm	—	Off	page 28
	Time Adjustment	—	Caller ID[Auto]	page 16
Ringer Setup	Ringer Volume	—	*Maximum*	page 28
	Ext. Ringtone (External ringtone)	Preset Ringtones	Ringtone 1	page 28
		User Ringtones	—	
	Int. Ringtone (Intercom ringtone)	Preset Ringtones	Ringtone 3	page 28
		User Ringtones	—	
	IP Ringtone[*1]	Preset Ringtones	Ringtone 6	—
		User Ringtones	—	
	Cust. Ringtone (Customise ringtone)	Record	—	page 29
		List	—	page 29
	Night Mode	Start/End	*23:00/06:00*	page 30
		On/Off	Off	page 30
		Ring Delay	60 sec.	page 30
		Select Category	—	page 30
Display Setup	Wallpaper	—	Picture 1	page 31
	Display Colour	—	Colour1	page 31
	Select Language	—	English	page 15
	Contrast	—	Contrast 3	page 31
Baby Monitor	On/Off	—	Off	page 31
	Sensitivity	—	*Middle*	page 31

Handset settings menu	Sub-menu	Sub-menu 2	Default setting	Page
Registration	Register H.set (Register handset)	—	—	page 50
Select Base	—	—	Auto	page 51
Other Options	Handset Name	—	—	page 32
	New Msg. Alert (New message alert)	—	Off	page 32
	LetterWise	—	English	page 32
	Keytones	—	On	page 32
	Auto Talk	—	Off	page 32
	Auto Intercom	—	Off	page 33
	Calling Code	—	—	page 33

*1 For USB adaptor KX-TGA915EX users only. Please refer to the USB adaptor's operating instructions.

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

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

Time settings

Memo alarm

An alarm will sound for 3 minutes at the set time once or daily. A text memo can also be displayed for the alarm. Set the date and time beforehand (page 16).
A total of 5 separate alarm instances can be programmed at once.

1   ▦ (centre of joystick) → *i* → **OK**
2   "Time Settings" → **OK**
3   "Memo Alarm" → **OK**
4   Select an alarm (1 to 5). → ▦
5   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.

6   Enter the desired hour and minute. → **OK**
7   Enter a text memo (30 characters max.; page 55). → **OK**
8   Select the desired item. → **OK**

"Preset Ringtones"
Ringtones stored in the handset at the time of purchase.

"User Ringtones"
Ringtones you stored in the handset (page 29).

9   Select the desired ringtone. → **OK**
10 "Save" → **OK** → [✆⊙]

● When the alarm is set, ⊕ is displayed.

Note:

● To stop the alarm, press any dial key.

● If you are on an outside call, beeps will sound and ⊕ will flash at the set time. The alarm will not sound until you hang up.
● If you select "Once", the setting will change to "Off" after the alarm sounds.

Ringer setup

Ringer volume

1   ▦ (centre of joystick) → *i* → **OK**
2   "Ringer Setup" → **OK**
3   "Ringer Volume" → **OK**
4   Push the joystick up or down to select the desired volume. → **OK** → [✆⊙]

● When the ringer volume is turned off, ⌀ is displayed.

Note:

● 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

Changing ringtones

1   ▦ (centre of joystick) → *i* → **OK**
2   "Ringer Setup" → **OK**
3   Select the desired item. → **OK**

"Ext. Ringtone"
Selects the ringtone for outside calls.

"Int. Ringtone"
Selects the ringtone for intercom calls.

4   Select the desired item. → **OK**

"Preset Ringtones"
Ringtones stored in the handset at the time of purchase.

"User Ringtones"
Ringtones you stored in the handset (page 29).

5   Select the desired ringtone. → **OK** → [✆⊙]

Note:

● 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 © 2006 Copyrights Vision Inc.

Customising ringtones

You can record melodies (max. 30 seconds each) from an audio device by connecting the included audio cable. These melodies can be assigned as user ringtones (page 28, 37).

Important:

● The total of about 4 minutes and 30 seconds (max. 32 melodies) can be recorded. The recording time may decrease depending on the size of melodies already stored in the handset.
● If a call is received while the audio cable is connected to the handset, disconnect the audio cable from the handset and answer the call, otherwise you and the caller will not hear each other's voice.

Recording melodies for user ringtones

1   Connect the handset to the audio device (such as a CD player or computer) using the included audio cable.
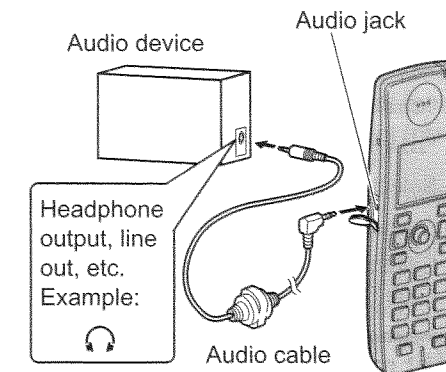
2   ▦ (centre of joystick) → *i* → **OK**
3   "Ringer Setup" → **OK**
4   "Cust. Ringtone" → **OK**
5   "Record" → **OK**
6   Start playing the audio device.
7   Press ⬤ to start recording.
8   To stop recording, press ■.
● To listen to the recording, select "Play". → **OK**
● To re-record, select "Re-record". → **OK** → Repeat from step 5.
9   "Save" → **OK**
10 Edit the name (10 characters max.; page 55). → ▦ → [✆⊙]
11 Disconnect the audio cable from the handset.

Erasing a ringtone

1   ▦ (centre of joystick) → *i* → **OK**
2   "Ringer Setup" → **OK**
3   "Cust. Ringtone" → **OK**
4   "List" → **OK**

5 Select the desired item. → ▥

6 "Erase" → **OK**

7 "Yes" → **OK** → [✆]

Renaming a ringtone

1 ▥ (centre of joystick) → ▐ → **OK**

2 "Ringer Setup" → **OK**

3 "Cust. Ringtone" → **OK**

4 "List" → **OK**

5 Select the desired item. → ▥

6 "Rename" → **OK**

7 Edit the name (10 characters max.; page 55). → **OK** → [✆]

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. Night mode can be set independently for the handset and the base unit (page 35).
Using the handset phonebook's category feature (page 20), 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 16).

Setting the start and end time for night mode

1 ▥ (centre of joystick) → ▐ → **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 ▥ (centre of joystick) → ▐ → **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.

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 never ring during night mode.

1 ▥ (centre of joystick) → ▐ → **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.

Selecting categories to bypass night mode

1 ▥ (centre of joystick) → ▐ → **OK**

2 "Ringer Setup" → **OK**

3 "Night Mode" → **OK**

4 "Select Category" → **OK**

5 Select the desired category numbers. → ✔ → **OK**
   ● Selected category numbers are indicated by a "✔".
   ● To cancel a selected category number, select the number again, then press ✔.

6 [✆]

Display setup

Selecting wallpaper

You can select the "wallpaper" shown on the display in standby mode.

1 ▥ (centre of joystick) → ▐ → **OK**

2 "Display Setup" → **OK**

3 "Wallpaper" → **OK**

4 Push the joystick up or down to select the desired picture.
   ● You can switch between the picture list and the picture view by pressing ▥ or ▦.

5 **OK** → [✆]

Note:
● If you select "No Picture", the display colour will be changed to the colour you selected for display colour (page 31).
● The preset wallpaper patterns in this product are used with permission of © Digital Vision.

Selecting a display colour

1 ▥ (centre of joystick) → ▐ → **OK**

2 "Display Setup" → **OK**

3 "Display Colour" → **OK**

4 Select the desired colour. → **OK** → [✆]

Changing the display contrast

This feature is available for wallpaper and display icons.

1 ▥ (centre of joystick) → ▐ → **OK**

2 "Display Setup" → **OK**

3 "Contrast" → **OK**

4 Push the joystick up or down to select the desired contrast. → **OK** → [✆]

Baby monitor (additional handset required)

Using the baby monitor

This feature allows you to listen in on a room where another handset is located, allowing you to easily monitor from different areas of the house. The monitored handset (placed in a baby's room, for example) will automatically call the monitoring handset when it detects sound.
Perform the following procedure with the handset to be monitored (for example, the handset placed in the baby's room).

1 ▥ (centre of joystick) → ▐ → **OK**

2 "Baby Monitor" → **OK**

3 "On/Off" → **OK**

4 "On" → **OK**

5 Select the desired handset number to monitor with. → **OK**
   ● "Baby Monitor" will be displayed.

Note:
● The monitoring handset will answer calls automatically when the auto intercom feature is set to "On" (page 33).
● The monitored handset cannot be used while baby monitor is set to "On". To cancel monitoring;
   ▥ → "On/Off" → **OK** → "Off" → **OK** → [✆]

Baby monitor sensitivity

You can adjust the sensitivity of the baby monitor. Increase or decrease the sensitivity to adjust the sound level needed to trigger the baby monitor feature.
● This feature cannot be set during a monitoring call.

1 Press ▥ on the handset being monitored.

2 "Sensitivity" → **OK**

3 Push the joystick up or down to select the desired setting. → **OK** → [✆①]

Other options

Assigning/changing handset names

Each handset can be given a customised name ("Bob", "Kitchen", etc.). This is useful when you have multiple handsets.
Turn this feature on to display the handset name in standby mode. The default setting is "Off".

1 ▦ (centre of joystick) → *i* → **OK**

2 "Other Options" → **OK**

3 "Handset Name" → **OK**

4 Enter/edit the name (10 characters max.; page 55). → **OK**

5 "On" or "Off" → **OK** → [✆①]

Turning message alert on/off

This feature alerts you when new messages have been received or recorded:
– SMS (page 40)
– Answering system (page 45)

The message indicator on the handset slowly flashes blue until you have read or listened to all new messages.

1 ▦ (centre of joystick) → *i* → **OK**

2 "Other Options" → **OK**

3 "New Msg. Alert" → **OK**

4 "On" or "Off" → **OK** → [✆①]

Note:
● While message alert is on, battery operating time is shortened (page 14).

Changing the LetterWise® language

You can change which language is used for LetterWise character entry (page 56, 57).

1 ▦ (centre of joystick) → *i* → **OK**

2 "Other Options" → **OK**

3 "LetterWise" → **OK**

4 Select the desired language. → **OK** → [✆①]

Turning keytones on/off

Keytones include confirmation tones and error tones.

1 ▦ (centre of joystick) → *i* → **OK**

2 "Other Options" → **OK**

3 "Keytones" → **OK**

4 "On" or "Off" → **OK** → [✆①]

Turning auto talk on/off

When this feature is turned on, you can answer calls simply by lifting the handset off the base unit. You do not need to press [✆].

1 ▦ (centre of joystick) → *i* → **OK**

2 "Other Options" → **OK**

3 "Auto Talk" → **OK**

4 "On" or "Off" → **OK** → [✆①]

Turning auto intercom on/off

This feature allows the handset to answer intercom calls automatically when it is called. You do not need to press [✆]. When this feature is set to "On", the monitoring handset for the baby monitor feature (page 31) will also answer baby monitor calls automatically.

1 ▦ (centre of joystick) → *i* → **OK**

2 "Other Options" → **OK**

3 "Auto Intercom" → **OK**

4 "On" or "Off" → **OK** → [✆①]

Calling code

If you need to dial a special calling code to make calls using the telephone services of a certain service provider/telephone company, you can store the calling code in advance and dial it by simply pressing and holding the [✳] while dialling a phone number.

Important:
● To use this feature you must store the calling code in advance.

Example: If you store the calling code "098" and press and hold [✳] before dialling "12345", the unit dials "09812345" automatically.

Assigning the calling code number

1 ▦ (centre of joystick) → *i* → **OK**

2 "Other Options" → **OK**

3 "Calling Code" → **OK**

4 Enter the desired calling code (24 digits max.). → **OK**

5 "Save" → **OK** → [✆①]

Making calls using a calling code
When dialling manually:

1 Lift the handset, then press and hold [✳].
   ● The calling code you stored will be displayed.

2 Dial the phone number manually.

3 [✆] / [📢] / **OK**

When dialling from the redial list, phonebook, one touch dial, or caller list:

1 Display the desired phone number in the redial list, phonebook, one touch dial, or caller list.

2 Press and hold [✳].
   ● The calling code you stored will be displayed before the phone number.

3 [✆] / [📢] / **OK**

Base unit settings

For your reference, a chart of all items which can be customised for the base unit is shown below.

● These items are customised using the handset.
● When customising the base unit, the current item or setting is highlighted on the display.

Base unit settings menu	Sub-menu	Sub-menu 2	Default setting	Page
Ringer Setup	Ringer Volume	—	*Medium*	page 35
	Night Mode	Start/End	*23:00/06:00*	page 35
		On/Off	*Off*	page 35
		Ring Delay	*60 sec.*	page 35
Call Options	Recall/Flash	—	*100 msec.*	page 35
	Call Restrict	—	—	page 36
Other Options	Base Unit PIN	—	*0000*	page 36
	Repeater Mode	—	*Off*	page 52

Ringer setup

Ringer volume

1 ▦ (centre of joystick) → 📼 → **OK**

2 "Ringer Setup" → **OK**

3 "Ringer Volume" → **OK**

4 Push the joystick up or down to select the desired volume. → **OK** → [✆]

Night mode

Night mode allows you to select a block of time during which the base unit will not ring for outside calls. This feature is useful for times when you do not want to be disturbed, for example, while sleeping. Night mode can be set independently for the handset (page 30) and the base unit.

Set the date and time beforehand (page 16).

Setting the start and end time for night mode

1 ▦ (centre of joystick) → 📼 → **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 ▦ (centre of joystick) → 📼 → **OK**

2 "Ringer Setup" → **OK**

3 "Night Mode" → **OK**

4 "On/Off" → **OK**

5 "On" or "Off" → **OK** → [✆]

Setting the ring delay for night mode

This setting allows the base unit to ring during night mode if the caller waits long enough. After the selected amount of time passes, the base unit will ring. If you select "No Ringing", the base unit will never ring during night mode.

1 ▦ (centre of joystick) → 📼 → **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.

Call options

Changing the recall time

Change the recall time, if necessary, depending on the requirements of your service provider/telephone company or PBX.

1 ▦ (centre of joystick) → 📼 → **OK**

2 "Call Options" → **OK**

3 "Recall/Flash" → **OK**

4 Select the desired setting. → **OK** → [✆]

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.

Important:

- Emergency numbers ("999", "112") cannot be restricted.

1 ▦ (centre of joystick) → 📠 → **OK**
2 "Call Options" → **OK**
3 "Call Restrict" → **OK**
4 Enter the base unit PIN (default: "0000").
5 Set which handsets will be restricted by selecting the handset then pressing ✓.
   - Restricted handsets have a "✓" next to them.
   - To turn call restriction off for a handset, select the restricted handset, then press ✓.
6 **OK**
7 Select a memory location. → **OK**
8 Enter the phone number or area code to be restricted (8 digits max.). → **OK** → [✱①]
   - To erase a restricted number, press [C/☒].

Other options

Changing the base unit PIN (Personal Identification Number)

Important:

- If you change the PIN, please make note of your new PIN. The unit will not reveal the PIN to you. If you forget your PIN, consult your nearest Panasonic service centre.

1 ▦ (centre of joystick) → 📠 → **OK**
2 "Other Options" → **OK**
3 "Base Unit PIN" → **OK**
4 Enter the current 4-digit base unit PIN (default: "0000").
5 Enter the new 4-digit base unit PIN. → **OK** → [✱①]

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 (page 47).
- 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.
  - The handset will announce the audible call recording you made.
- 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 20). 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 28 when calls from this category are received. The default setting is "Ext. Ringtone".

1 ■ KX-TG9120/KX-TG9140 (no USB adaptor registered):
   ✉ (left soft key) → ▦

   ■ KX-TG9150 or USB adaptor registered model:
   ▦ (centre of joystick) → 🖉 → **OK** → ▦
2 "Category" → **OK**
3 Select a category. → **OK**
4 Select the current setting of the category ringtone. → **OK**

5 Select the desired item. → **OK**

"Ext. Ringtone" The ringtone assigned for external calls. Press **[✶☉]** to finish.
"Preset Ringtones" Ringtones stored in the handset at the time of purchase.
"User Ringtones" Ringtones you stored in the handset (page 29).

6 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 31 when calls from this category are received. The default setting is **"Display Colour"**.

1 ■ **KX-TG9120/KX-TG9140 (no USB adaptor registered):** 📖 (left soft key) → 🔲

■ **KX-TG9150 or USB adaptor registered model:** 🔲 (centre of joystick) → 🔲 → **OK** → 🔲

2 **"Category"** → **OK**

3 Select a category. → **OK**

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

5 Select the desired colour. → **OK** → **[✶☉]**

Audible call for shared phonebook

Audible call allows you to know who is calling without looking at the display. If you record an audible call announcement for a shared phonebook entry (page 24), the audible call recording will be announced when you receive a call from that person.

Note:
● If the handset ringer is turned off, audible call announcements will not be heard.

Caller list

Viewing the caller list and calling back

1 🔲 (centre of joystick) → *▼* → **OK**

2 Push the joystick down to search from the most recent call. Push the joystick up 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 **X**. → **"Yes"** → **OK**

3 **[✱]** / **[✦]**

Editing a caller's phone number before calling back

1 🔲 (centre of joystick) → *▼* → **OK**

2 Push the joystick up or down 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 🔲 (centre of joystick) → *▼* → **OK**

2 Push the joystick up or down 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 🔲 (centre of joystick) → *▼* → **OK**

2 Push the joystick up or down to display the desired entry. → 🔲

3 **"Add Phonebook"** → **OK**

4 Continue from step 3, "Adding entries to the handset phonebook", page 20.

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 49.

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 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 41)
- To send or receive a message using a private mailbox, you must:
  - first create the private mailbox by storing its name and password (page 43)
  - register each private mailbox with BT Text (page 41)

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 ▦ (centre of joystick) → ✉ → **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.
Message Centre 1 is used for sending SMS messages, and Message Centre 2 is used for receiving messages.

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

1 ▦ (centre of joystick) → ✉ → **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 ▦ (centre of joystick) → ✉ → **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 pushing the joystick up.
4 Enter the message (page 55). → **OK**
   - ✎ is displayed.
5 Enter the destination phone number (20 digits max.). → **OK**
   - Using the handset phonebook:
     📖 → Select the handset phonebook entry. → **OK**
     When only 1 phone number is stored
     OK
     When 2 or more phone numbers are stored
     Select the desired phone number. → **OK** 2 times

- Using the caller list:
  Push the joystick up or down 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 [✆].

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 divided into multiple messages (up to 4). You can confirm how many messages are required to send your text by the number shown on the display ("1", "2", "3", or "4"). The remaining number of characters that can be entered is displayed next to ✎. Your service provider/telephone company may treat long messages (messages over 160 characters long) 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 44).

Sending a saved message

1 ▦ (centre of joystick) → ✉ → **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, push the joystick up or down 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 41.

Editing and sending a saved message

1 ▦ (centre of joystick) → ✉ → **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 Push the joystick up or down to select the message. → **OK**

5 ▦ → "**Edit Message**" → **OK** →
Continue from step 4, "Writing and sending a new message", page 41.

Erasing saved messages

1 ▦ (centre of joystick) → ✉ → **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 Push the joystick up or down 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 32) has been turned on
– the total number of new (unread) SMS messages is displayed next to ✉

Reading a received message

1 ▦ (centre of joystick) → ✉ → **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 Push the joystick up or down 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 55). → **OK**

4 Edit the destination phone number and/or press **OK**, then continue from step 6, "Writing and sending a new message", page 41.

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 41.

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 20.

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 40
Message Centre 1	page 40
Message Centre 2	page 40
Private mailboxes (default: —)	page 43
PBX line access number (default: "**Off**")	page 44

Creating private mailboxes

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

1 ▦ (centre of joystick) → ✉ → **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 55). → **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 ▦ (centre of joystick) → ✉ → **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 55). → **OK**

● To erase the mailbox, press and hold [C/⊠]. → **OK** → "Yes" → **OK** → [✆①]

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

9 "Save" → **OK** → [✆①]

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 ▦ (centre of joystick) → ✉ → **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** → [✆①]

Answering system

This unit contains 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 19).

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 16).

Memory capacity

The total recording capacity (including your greeting message, caller messages, audible call announcements, 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 ▦ (centre of joystick) → ▤ → **OK**

2 ▣ → [✆①]

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 ▦ (centre of joystick) → ▤ → **OK**

2 "Record Greeting" → **OK**

● Hold the handset about 20 cm away and speak clearly into the microphone.

3 Press ▮ to stop recording.

4 [✆①]

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 49) 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 ▦ (centre of joystick) → ▤ → **OK**

2 "Play Greeting" → **OK**

3 [✆①]

Erasing the greeting message

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

1 🖲 (centre of joystick) → 📟 → **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 32) has been turned on
- 📟 is displayed
- the total number of new messages is displayed next to 📟

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:
- To adjust the speaker volume during playback, press [▲] or [▼].
- 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 🖲 (centre of joystick) → 📟 → **OK**

2 "Play New Msg." or "Play All Msg." → **OK**

Note:
- To adjust the speaker volume during playback, push the joystick up or down.

Repeating, skipping, stopping, and erasing a message during playback

- To repeat a message during playback:
  - for the base unit, press [◄◄]
  - for the handset, push the joystick left
  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, push the joystick right
- 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 🖲 (centre of joystick) → 📟 → **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 🖲 (centre of joystick). → 📟 → **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)

Key	Direct commands
[✳][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 🖲 (centre of joystick) → 📟 → **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 the answering system by calling the unit even when it is turned off (page 48). This call may be answered before the ring delay feature of the night mode (page 30, 35) 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 48).

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 45
Remote access code	—	page 47
Number of rings	4 Rings	page 49
Caller's recording time	3 Minutes	page 49
Call screening	On	page 49

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 48), 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 ▦ (centre of joystick) → 📼 → **OK**

2 "**Settings**" → **OK**

3 "**Number of Rings**" → **OK**

4 Select the desired setting. → **OK** → [✆①]

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 45).

- 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 the 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 ▦ (centre of joystick) → 📼 → **OK**

2 "**Settings**" → **OK**

3 "**Recording Time**" → **OK**

4 Select the desired setting. → **OK** → [✆①]

Turning call screening on/off

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

1 ▦ (centre of joystick) → 📼 → **OK**

2 "**Settings**" → **OK**

3 "**Call Screening**" → **OK**

4 "**On**" or "**Off**" → **OK** → [✆①]

Operating additional units

Additional handsets

Up to 6 handsets can be registered to a single base unit.

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 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.

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 51), 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, Y flashes even when the handset is near the base unit), register the handset manually (page 50).

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 **[✕⓪]** for few seconds to turn the handset on.

1 Lift the additional handset and press **[✕⓪]** 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 Y stops flashing.

Note:

- If an error tone sounds, or if Y is still flashing, register the handset manually (manual registration; page 50).
- 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 50).

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 ▦ (centre of joystick) → *i* → **OK**

2 "**Registration**" → **OK**

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**.

- When the handset has been registered successfully, Y will stop flashing. If keytones are turned on (page 32), 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 ▦ (centre of joystick) → *i* → **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 ▦ (centre of joystick) → ▭ → **OK**

2 Enter "**335**".

3 "**Cancel Handset**" → **OK**

- All handsets registered to the base unit are displayed.

4 Select the handset(s) you want to cancel. → ◼

- The selected handsets are indicated by a "✓".
- To cancel a selected handset, press ◼ again.

5 **OK** → "**Yes**" → **OK**

- "**Please Wait...**" will be displayed and a long beep will sound.
- The handset does not beep when cancelling its own registration.

6 **[✕⓪]**

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 ▦ (centre of joystick) → *i* → **OK**

2 "**Registration**" → **OK**

3 Enter "**335**".

4 "**Cancel Base**" → **OK**

5 Select the base unit(s) you want to cancel. → ◼

- The selected base unit number(s) are indicated by a "✓".
- To cancel a selected base unit number, press ◼ again.

6 **OK** → "**Yes**" → **OK**

- A long beep will sound.

7 **[✕⓪]**

Note:

- To register the handset to another base unit or to the same base unit again, see manual registration (page 50).

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 7. 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.
- You cannot make a monitoring connection via a DECT repeater. (Cordless camera KX-TGA914E users only)

Setting the repeater mode

1 ▦ (centre of joystick) → 🔷 → **OK**

2 "Other Options" → **OK**

3 "Repeater Mode" → **OK**

4 "On" → **OK** → [✆⊙]

Note:

- After turning repeater mode on or off, ▼ will flash on the handset momentarily. This is normal. The handset can be used once ▼ stops flashing.
- While the repeater mode is turned on, audible call announcements may not be heard from the handset speaker.

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] → Select handset 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]. → Select handset 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 🔽.

Transferring a call without speaking to the other handset user

1 During an outside call, press [INT]. → Select 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.

Copying phonebook entries

You can copy handset phonebook entries (page 20) to the shared phonebook or to the handset phonebook of another compatible Panasonic handset.

Note:

- Category settings for phonebook entries are not copied.

Copying one entry

1 Find the desired handset phonebook entry (page 20). → ▦

2 "Copy" → **OK**

3 Select the copy destination. → **OK**

- 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 between handset phonebooks

1 ■ **KX-TG9120/KX-TG9140 (no USB adaptor registered):**
🔷 (left soft key) → ▦

■ **KX-TG9150 or USB adaptor registered model:**
▦ (centre of joystick) → 🔷 → **OK** → ▦

2 "Copy All" → **OK**

3 Select the copy destination. → **OK**

- The shared phonebook cannot be selected. Entries can only be copied to the shared phonebook one at a time.
- When all entries have been copied, "Completed" is displayed.

4 [✆⊙]

Using the belt clip

Attaching the belt clip
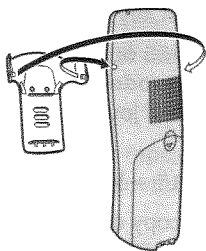
Removing the belt clip
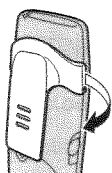
Character entry

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 ▆▆, Numeric ▆▆, Greek ▆▆, Extended 1 ▆▆, Extended 2 ▆▆, and Cyrillic ▆▆. For SMS messages, Alphabet ▆▆, Numeric ▆▆, Greek ▆▆, and Extended ▆▆ modes are available. When in these entry modes except Numeric, you can select which character is entered by pressing a dial key repeatedly.

- Use the joystick to move the cursor.
- Press dial keys to enter characters and numbers. When you press {1}, a list of symbols is displayed. Select the desired symbol then press ▆▆ to insert the selected symbol, or press ▆▆ to insert additional symbols.
- 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, push the joystick right to move the cursor to the next space, then press the appropriate dial key. (This is not necessary when entering text in LetterWise mode.)

Character entry modes

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

LetterWise

LetterWise is a simplified text entry system which suggests the most likely letter to follow the previously entered letter. Each time you press a dial key, the letter most likely to be used is displayed. If the suggested character is incorrect, press {#} repeatedly to display the desired character. You can change the language which LetterWise uses to base its suggestions on (page 32).

Characters available in each character entry mode

When the unit displays the character entry screen:
Press right soft key repeatedly to select a character entry mode.

Note:
- For character entry when writing SMS messages, see page 57.

▆▆ Alphabet character table

(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 a b c 2	D E F 3 d e f 3	G H I 4 g h i 4	J K L 5 j k l 5	M N O 6 m n o 6	P Q R S 7 p q r s 7	T U V 8 t u v 8	W X Y Z 9 w x y z 9

0-9 Numeric entry table

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

ABΓ Greek character table

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 ϴ 9

AAA Extended 1 character table

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 Ě F 3	G Ğ H I Ì Í Î Ï Ĩ Ī ı 4	J K L 5	M N Ñ O Ò Ó Ô Õ Ö ø 6	P Q R S ß 7	T U Ù Ú Û Ü Ū 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 ě f 3	g ğ h i ì í î ï ĩ ī 4	j k l 5	m n ñ o ò ó ô õ ö ø 6	p q r s ß 7	t u ù ú û ü ū v 8	w ŵ x y ŷ z 9

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

SSS Extended 2 character table

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 A 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 Ñ O Ó Ö 6	P Q R Ř S Ś Š 7	T Ť U Ú Ü Ű ů V 8	W X Y 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 ñ o ó ö 6	p q r Ř ř s Ś Š 7	t ť u ú ü ű v 8	w x y 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

AБB Cyrillic character table

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

⁂ LetterWise character table (for English)

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

When writing SMS messages

⁂ LetterWise character table (for English)

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

ABC Alphabet character table

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

0-9 Numeric entry table

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

ABΓ Greek character table

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

AAA Extended character table

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 F 3	G Ğ H I Ì Í Î Ï 4	J K L 5	M N Ñ O Ò Ó Ô Õ Ö ø 6	P Q R S ß 7	T U Ù Ú Û Ü Ū 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 f 3	g ğ h i ì í î ï 4 Ī ı	j k l 5	m n ñ o ò ó ô õ ö ø 6	p q r s ß 7	t u ù ú û ü ū v 8	w x y z 9

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

Error messages

Error message	Cause & solution
Answer Sys. Full	● Erase unnecessary messages (page 46).
Connect an audio device.	● An audio device is not connected to the handset. Connect an audio device to the handset.
Error	● Recording was too short. Try again.
Error. Charge battery.	● Battery strength is low. Charge the batteries and 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	● There is no space to store new phonebook entries. Erase unnecessary entries for the handset phonebook (page 22) or for the shared phonebook (page 25). ● There is no space to store new data. Erase unnecessary ringtones (page 29). ● Message memory is full. Erase unnecessary messages (page 46).
SMS Full	● Erase unnecessary messages (page 42, 43).
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.

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
Ỵ is flashing.	● The handset is not registered to the base unit. Register it (page 50). ● 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.
The handset display is blank.	● The handset is in screen saver mode (page 14). Press [✗①] to activate the handset display again. ● The handset is not turned on. Turn the power on (page 15).
The handset will not turn on.	● Make sure that the batteries are installed correctly (page 13). ● Fully charge the batteries (page 14). ● Clean the charge contacts and charge again (page 14).
I have changed the display language to a language I cannot read.	● Change the display language (page 15).

Problem	Cause & solution
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 36). ● The key lock feature is turned on. Turn it off (page 18).
I cannot receive a call from the monitored handset.	● Make sure the monitoring handset is not on any of the following calls: – Intercom call – Cordless camera monitoring call (Cordless camera KX-TGA914E users only) – Internet call (USB adaptor KX-TGA915EX users only) – Doorphone call (Doorphone users only)
The unit does not ring.	● The ringer volume is turned off. Adjust the ringer volume (page 28, 35). ● The night mode feature is turned on. Turn it off (page 30, 35).
The batteries should be charging but the battery icon does not change.	● Clean the charge contacts and charge again (page 14).
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.
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.

Problem	Cause & solution
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. Reconnect the AC adaptor, then turn on the handset and try again.
Pressing [◉] does not display/dial the last number dialled.	● The redialled number was more than 48 digits long. Redial the number manually.
I cannot store a number from the redial list into the phonebook.	● The phone number is more than 24 digits long. Phone numbers stored in the phonebook cannot be more than 24 digits long (page 20).
Mute does not turn off after the line is connected.	● Press [C/☒].
The handset beeps intermittently and/or ▢ flashes.	● Fully charge the batteries (page 14).
I fully charged the batteries, but ▢ still flashes.	● Clean the charge contacts and charge again (page 14). ● It is time to replace the batteries (page 13).
I fully charged the batteries, but the operating time seems to be short.	● Wipe the battery ends (⊕, ⊖) and the unit contacts with a dry cloth.
Caller information is not displayed.	● You need to subscribe to Caller ID service. Consult your service provider/telephone company for details. ● 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 51). ● The maximum number of handsets (6) are already registered to the base unit. Cancel unused handset registrations from the base unit (page 51). ● You entered the wrong PIN number. If you forget your PIN, consult your nearest Panasonic service centre. ● Place the handset and the base unit away from other electrical appliances.

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 40). ● 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 but a message was not received.	● Someone tried to send you a message while SMS was 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 40). Confirm that SMS is turned on (page 40).
"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.

Answering system

Problem	Cause & solution
The unit does not record new messages.	● The answering system is turned off. Turn it on (page 45). ● The recording time is set to "Greeting Only". Select "1 Minute" or "3 Minutes" (page 49). ● 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 49).
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 49).
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 and try again (page 47). ● You are pressing the dial keys too quickly. Press each key firmly. ● The answering system is turned off. Turn it on (page 48). ● 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 1.90 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:**
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

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

■ **Dimensions:**
Base unit: Approx. 63 mm × 173 mm ×
99 mm
Handset: Approx. 156 mm × 49 mm ×
34 mm

■ **Mass (weight):**
Base unit: Approx. 250 g
Handset: Approx. 140 g

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

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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