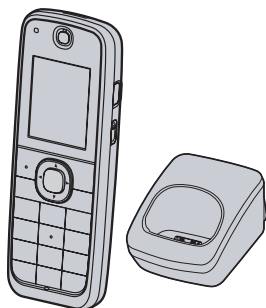


Panasonic[®]

Operating Instructions

Home Handy Phone

Model No. **KX-TU301 E**



Thank you for purchasing a Panasonic product.

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

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Accessory information

Supplied accessories

No.	Accessory item/Part number	Quantity
①	AC adaptor/PNLV226EZ	1
②	Rechargeable battery/CGA-LB102	1
③	Charger/PNLC1022ZB	1

Additional/replacement accessories

Please contact your place of purchase or Panasonic sales office for sales information.

Accessory item	Model number
Rechargeable battery	CGA-LB102 ● Lithium Ion (Li-Ion) type battery only.
Headset	KX-TCA94EX

Sales and support information

Customer Communications Centre

- For customers within the U.K.: 0844 844 3899
- For customers within Ireland: 01289 8333
- For further support on your product, please visit our website: www.panasonic.co.uk

Direct Sales at Panasonic U.K.

- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Communications 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.pas-europe.com
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic U.K.
- 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.



Introduction

General information

- This phone is designed to operate on GSM network - Dual band GSM 900/1800 MHz. If you are inside a tunnel, basement, or buildings where does not provide satisfactory reception, move to another location for better reception.
- This equipment is designed for use in the U.K. and Ireland.
- In the event of problems, you should contact your equipment supplier in the first instance.

Declaration of Conformity:

- Panasonic System Networks 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 to Authorised Representative:

Panasonic Testing Centre
Panasonic Marketing Europe GmbH
Winsbergring 15, 22525 Hamburg, Germany



Important Information

For your safety

Read this section carefully before using the product to ensure proper and safe operation. Failure to read them carefully may cause severe injury, loss of life/property, or be illegal.

WARNING

Power connection

- Use only the power source marked on the product.
- Do not overload power outlets and extension cords. This can result in the risk of fire or electric shock.
- Completely insert the AC adaptor into the power outlet. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.
- Regularly remove any dust, etc. from the AC adaptor by pulling it from the power outlet, then wiping with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc. resulting in a fire.
- Unplug the product from power outlets and remove the battery from the phone if it emits smoke, an abnormal smell, or makes an unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped emitting and contact an authorised service centre.
- Unplug from power outlets and never touch the inside of the product if its casing has been broken open.
- Never touch the plug with wet hands. Danger of electric shock exists.
- The AC adaptor should only be used indoors.

Installation

- This product is not water-resistant. To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Keep all accessories and the SIM card out of the reach of children to prevent swallowing.

- This product emits radio waves and may cause interference to other electronic devices.
- Do not allow the AC adaptor to be excessively pulled, bent or placed under heavy objects.
- To prevent serious damage to this product, avoid strong impacts and rough handling.

Battery

- Use only the battery specified.
- Risk of explosion if battery is replaced with an incorrect type. Dispose of used batteries according to the instructions.
- Do not open, puncture, crush, or drop the battery. A damaged battery must not be used. This can result in the risk of fire, explosion, overheating, and leaking of the electrolyte.
- Stop using the battery immediately and keep away from fire if it emits an abnormal smell or leaks electrolyte. Released electrolyte may cause fire or burns.
- Do not touch released electrolyte if the battery leaks. It may cause burns or injury to the eyes or skin. The electrolyte is toxic and may be harmful if swallowed. If you touch it, immediately wash the affected areas with water and seek medical help.
- Exercise care when handling the battery. Do not allow conductive materials such as rings, bracelets, or keys to touch the battery, otherwise a short circuit may cause the battery and/or the conductive material to overheat and cause burns.
- Do not use or charge a wet battery. This can result in the risk of fire, explosion, overheating, and leaking of the electrolyte.
- Charge the battery provided with or identified for use with this product only, in accordance with the instructions and limitations specified in this manual.
- Only use a compatible charger to charge the battery. Do not tamper with the charger. Failure to follow these instructions may cause the battery to swell or explode.

Operating safeguards

- Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners.

Important Information

- Do not disassemble the product.
- Do not allow liquids such as water, or foreign materials such as metal pieces or flammable materials to get into the SIM card slot. This can result in the risk of fire, electric shock, or malfunction.
- Do not leave this product near heat sources (such as radiators, cookers, etc.), in direct sunlight, or in a car under blazing sun. It should not be placed in rooms where the temperature is less than 0 °C or greater than 40 °C.
- You are advised not to use the phone in an aircraft. Turn the phone off before boarding an aircraft. Set the alarm function off so that the phone cannot be automatically turned on. Using this phone in an aircraft may be hazardous to the aircraft's operation and disrupt wireless communication. It may also be illegal.
- You are advised not to use this product at refuelling points. Users are reminded to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress.
- It is imperative that drivers exercise proper control of vehicles at all times. Do not use a phone while you are driving; find a safe place to stop first. Do not speak into a hands free microphone if it will take your mind off the road. Always acquaint yourself thoroughly with restrictions concerning the use of phones within the area where you are driving and observe them at all times.
- RF signals may affect electronic systems in motor vehicles (for example, fuel injection, air bag systems) that have been improperly installed or are inadequately shielded. For more information, consult the manufacturer of your vehicle or its equipment.
- The use of excessive sound volume through earphones, headphones, or headsets may cause hearing loss.
- Do not shine the light close to anybody's eyes or turn the light in the direction of car drivers. This can result in the risk of injuries or accident.

Medical

- Consult the manufacturer of any personal medical devices, such as pacemakers or implanted cardioverter defibrillators to determine if they are adequately shielded from external RF (radio frequency) energy.
- Wireless Technology Research (WTR) recommends a minimum separation of 15.3 cm between a wireless device and an implanted medical device such as pacemaker or implanted cardioverter defibrillator to avoid potential interference with the medical device. If you have any reason to suspect that your phone is interfering with a pacemaker or other medical devices, turn off the phone immediately and contact the manufacturer of pacemaker or other medical devices.
- Turn off the phone in hospitals or health care facilities when any regulations posted in the area instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Hearing aids

- This phone is hearing aid compatible and is rated equivalent to the M3 ranking of the ANSI C63.19 test method. Most hearing aids on the market should be compatible with this product but compatibility is not guaranteed. Please consult with your Doctor or hearing aid manufacturer before using a hearing aid with this product.

CAUTION

Installation

- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.
- It is recommended that you keep a written record of any important data which you store in your phone or SIM card in order to avoid accidental loss.

Important Information

SIM card

- Do not place magnetic cards or similar objects near the phone. Magnetic data on cash cards, credit cards, telephone cards and floppy disks, etc. may be deleted.
- Do not put magnetic substances close to the phone. Strong magnetism might affect operation.
- Do not damage, carelessly handle, or short-circuit the gold-coloured contacts. Data might be lost or malfunction may result.

Important safety instructions

When using your product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Do not use this product near water, for example, near a bathtub, washbowl, kitchen sink, laundry tub, or near a swimming pool.
2. Avoid using the phone if charging during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the phone to report a gas leak in the vicinity of the leak.
4. Use only the power cord and battery indicated in this manual. Do not dispose of battery in a fire. They may explode. Check with local codes for possible special disposal instructions.
5. Do not paint or attach a thick sticker to the phone. This may prevent proper operation.

SAVE THESE INSTRUCTIONS

For best performance

Environment

- The product should be kept free from excessive smoke, dust, moisture, high temperature and vibration.
- To avoid damage, charge the battery only in temperatures ranging from 5 °C to 40 °C.

Routine care

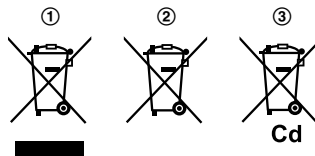
- **Wipe the outer surface of the product with a soft and dry cloth.**
- Do not use benzene, thinner, or any abrasive powder.

Other information

Notice for product disposal, transfer, or return

- This product and SIM card can store your private/confidential information. To protect your privacy/confidentiality, we recommend that you erase information such as contacts stored in the contacts list, call logs, and text messages (SMS) from the memory before you dispose of, transfer, or return the product.

Information for Users on Collection and Disposal of Old Equipment and used Batteries



These symbols (①, ②, ③) on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC. By disposing of these products and batteries correctly, you 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.

Important Information

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

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

These symbols (①, ②, ③) are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

Note for the battery symbol

This symbol (②) might be used in combination with a chemical symbol (③). In this case it complies with the requirement set by the Directive for the chemical involved.

SAR

THIS MODEL MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES and the requirements of the EU Directive 1999/5/EC.

Your wireless device is a radio transmitter and receiver. It is designed not to exceed radio wave exposure limits recommended by international guidelines. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. These guidelines also form the basis of international regulations and standards on RF Exposure.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or

SAR. The SAR limit for wireless devices is 2 W/kg. The highest SAR value for this device tested at the ear was 0.545 W/kg. The highest SAR value for this device tested on the body was 0.525 W/kg.*1

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this unit while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to communicate with the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of wireless devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls.

Additional Information can be found on the websites:

World Health Organization

(<http://www.who.int/emf>)

ICNIRP (<http://www.icnirp.org>)

*1 This device was tested for typical body-worn operation with the back of the phone kept 1.5 cm from the body.

Specifications

- **Standard:**
Dual-Band GSM 900/1800 MHz
- **Power source:**
220–240 V AC, 50/60 Hz
- **Power consumption (When charging):**
Standby: Approx. 0.2 W
Maximum: Approx. 4.0 W
- **Operating/Charging conditions:**
Operating: 0 °C – 40 °C, 20 % – 80 % relative air humidity (dry)
Charging: 5 °C – 40 °C
- **Battery:**
Li-Ion 3.7 V/940 mAh
- **Antenna:**
Internal
- **SIM card type:**
1.8 V/3 V

Note:

- The illustrations in these instructions may vary slightly from the actual product.

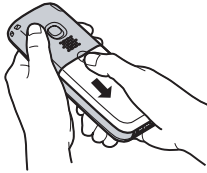
Setting up

Installing the SIM card and the battery

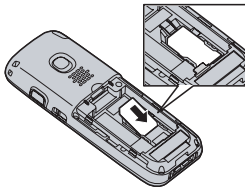
Important:

- Make sure the phone is turned off and the AC adaptor is disconnected before removing the battery.
- Use only the battery specified.

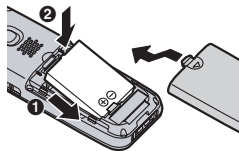
- 1 Open the battery cover.



- 2 Position the SIM card as shown below with the gold-coloured contacts facing down and the notched corner turned to the left. Carefully slide the SIM card into the SIM card slot until the tab is positioned on the SIM card edge.



- 3 Insert the battery, and then close the battery cover.



- When the language selection is displayed, see page 13.

Removing the SIM card

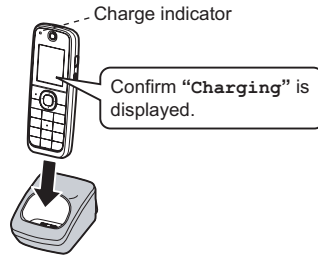
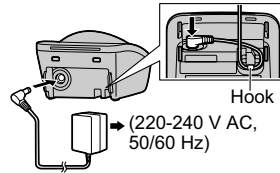
To remove the SIM card, press the tab and place a finger on the opposite side of the SIM card edge, then gently slide it out.

Battery charging

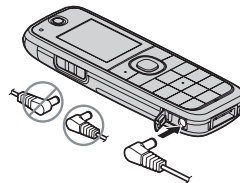
Charge for about 3 hours. **Charging time and battery life might differ when the phone is out of GSM network range.**

- When the battery is fully charged, the charge indicator goes off and "Fully charged" is displayed.
- Use only the supplied AC adaptor.

■ Charging with charger



■ Charging without charger



Getting Started

Note when setting up





Note for installing the SIM card and the battery

- When inserting or removing the SIM card, take care not to accidentally touch or scratch the gold-coloured contacts.
- Wipe the battery end (+, -) with a dry cloth.
- Avoid touching the battery end (+, -) or the unit contacts.

Note for battery charging

- Charge the battery in a place with an appropriate ambient temperature ranging from 5 °C to 40 °C.
- The AC adaptor should only be used indoors.
- Do not put any conductive materials such as coins or hairpins onto the charge contacts. This can result in the risk of overheating.
- It is normal for the phone and the AC adaptor to feel warm during charging.
- 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.
- Clean the charge contacts of the phone and charger with a soft and dry cloth once a month. Clean more often if the unit is exposed to grease, dust, or high humidity.

Battery level

Colour	Icon	Battery level
Green		High
		Medium
		Low
Red		Needs charging.

Panasonic Lithium Ion (Li-Ion) battery performance (supplied battery)

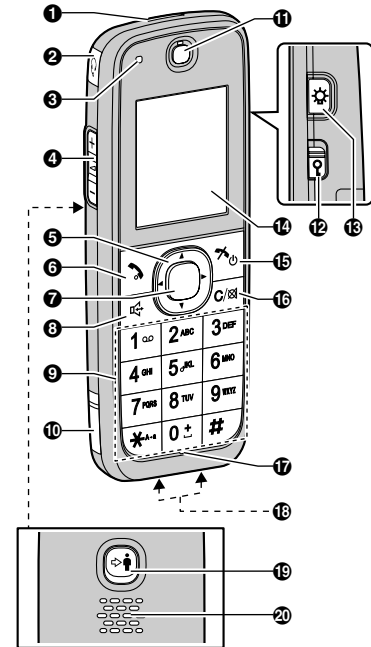
Operation	Operating time*1
In continuous use	3.8-9.0 hours
Not in use (standby)	280 hours max.

*1 Operating time is dependent upon usage environment, battery age and condition.

Note:

- The battery might swell when its life is close to an end. This is dependent on the usage conditions and is not a problem.
- The battery level may not be displayed correctly after you replace the battery. In this case, charge the battery again.

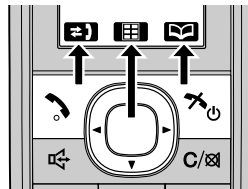
Controls



- 1 Light
- 2 Headset jack
- 3 Charge indicator
- Ringer indicator
- 4 **[+]/[-]** (◀: Volume up/down)
- 5 Navigator key
- 6 **[↶]** (Talk)
- 7 Centre of navigator key/
Confirmation key
- 8 **[☎]** (Speakerphone)
- 9 Dial keypad
- [0 +]**: International call "+"/
Space insert " "

- [1 ∞]**: Call voicemail
- 10 Connector cover
- 11 Receiver
- 12 **[🔒]** (Key lock)
- 13 **[☀]** (Light)
Press and hold to keep the light on.
- 14 Display
- 15 **[🔌]** (Off/Power)
- 16 **[C/⊗]** (Clear/Mute)
- 17 Microphone
- 18 Charge contacts
- 19 **[☎↑]** (Priority call)
- 20 Speaker

Key functions



Function key

- **[☎]**: Make calls/function key to select the feature shown above.
- **[🔌]**: End calls/function key to select the feature shown above.

Navigation Key

- Centre of navigator key: Select the feature shown above.
- **[▲], [▼], [◀], or [▶]**: Scroll through various lists and items or move the cursor to edit number or name.
- **[▶]** or **[◀]**: Adjust the receiver or speaker volume while talking.
- **[▲]**: Open the main menus (page 13).
- **[▼]**: View the contacts list (page 22).

Getting Started

Display

Display symbols



Symbol	Meaning
	<ul style="list-style-type: none"> Signal strength: the more bars visible, the stronger the signal. R: The phone is currently seeking or using another network outside your home network.
	Battery level
	Key lock is on. (page 14)
	Silent mode is on. (page 14)
	Vibration mode is on. (page 25)
	The line is on a call.
	Speakerphone is on. (page 15)
	Ringer volume is off. (page 15)
	Incoming call
	Outgoing call
	Missed call
	Mute is on. (page 16)
	Equalizer is set. (page 16)
	The call is on hold. (page 17)
	Headset (option) is connected.
	Text messages (SMS) or contacts saved to the phone. (page 19, 22)
	Text messages (SMS) or contacts saved to the SIM card. (page 19, 22)

Symbol	Meaning
	<ul style="list-style-type: none"> New text message (SMS) received. (page 20) Text message (SMS) which have not been sent or read. When flashing: Text message (SMS) memory is full.
	Text message (SMS) which have been sent.
	Text message (SMS) which have already been read.
	New voicemail message received.*1 (page 21)
	Alarm is on. (page 31)
	Night mode is on. (page 31)


*1 Voicemail subscribers only







Function items

Icon	Action
	Displays the menu.
	Accepts the current selection.
	Returns to the previous screen.
	Opens the recent call log.
	Makes a call.
	Ends the call.
	Opens the option menu.
	Answers a 2nd call. (page 17)
	Resets the call duration.
	Opens the contacts list. (page 22)
	Stores phone numbers.
	Selects multiple items. (page 31)
	Stops alarm. (page 31)

Icon	Action
	Activates the snooze for alarm. (page 31)
	Turns the power off when alarm sounds. (page 31)

Menu items

The following items are shown when you press  (centre of the navigator key).

Item	Feature
	Messages
	Phonebook
	Call Log
	Settings
	Tools
	Clock Settings

Turning the power on/off


Power on

Press  for about 1 second.

Note:


- PIN1 code request is displayed if the inserted SIM card is initially PIN locked or PIN1 code request is set to on (page 30). Enter PIN1 code and press **OK** or **#**.



Power off

Press  for about 2 seconds.

Initial settings


Symbol meaning:

Example: : "o££"






Press  or  to select the words in quotations.

Important:






- The phone may prompt you to set display language and date and time each time a new SIM card is installed.

- 1 : Select your desired language. → **OK**
- 2 Continue from step 3 in "Date and time", page 13.








Display language

- 1  →  → **OK**
- 2 : "Display" → **OK**
- 3 : "Language" → **OK**
- 4 : Select your desired language. → **OK**

Note:

- If you select a language you cannot read:  →  → **OK** →  2 times → **OK** →  → **OK** → : Select your desired language. → **OK**

Date and time

- 1  →  → **OK**
- 2 : "Date & Time" → **OK**
- 3 Enter the current date, month, and year. → **OK**
Example: 15 July, 2011
[1] [5] [0] [7] [2] [0] [1] [1]
 - To change the date format:  → : Select the desired format. → **OK**
- 4 Enter the current hour and minute. → **OK**
Example: 9:30
[0] [9] [3] [0]
 - To change the time format:  → : Select "AM", "PM", or "24 hours". → **OK**






Getting Started

Note:

- The date and time may be incorrect when the battery is dead or replaced. In this case, set the date and time again.
- To adjust the hour for summer time, see page 27.

Audible dialling

When you turn this feature on, numbers are announced when pressing dial keys. The default setting is “Normal”.

- 1  →  → **OK**
- 2 : “Sound” → **OK**
- 3 : “Audible Dialling” → **OK**
- 4 : Select “Loud”, “Normal”, or “Off”.
→ **OK**





Note:

- The dial announcement is the same as the display language (page 13).

Profile

You can set the silent mode by pressing **[#]** for about 2 seconds in standby mode.

■ Changing the profile setting from menu tree:

- 1  →  → **OK**
- 2 : “Profile” → **OK**
- 3 : Select “Normal” or “Silent”.
→ **OK**

Key lock

The keypad can be locked to prevent any keys from being accidentally pressed.

Slide **[?]** (right side of the phone) to lock or unlock.

Making calls

- 1 Enter the phone number (40 digits max.).
 - To correct a digit, press [C/⊗].
- 2 Press [↶] to dial.
- 3 Press [⊗⊞] to end the call.

Note:

- To insert a pause, press and hold [✱] until "p" is displayed. A 3 second pause is inserted each time "p" is displayed.
- To set the auto redial feature, see page 26.

Using the speakerphone

- 1 Enter the phone number and press [☎].
 - Speak alternately with the other party.
- 2 Press [⊗⊞] to end the call.

Note:

- For best performance, use the speakerphone in a quiet environment.
- To switch back to the receiver, press [☎] or [↶].

Adjusting the receiver or speaker volume

There are 6 volume levels (1 to 6) available. Press [+] or [-] repeatedly while talking.

- When you try to set the receiver volume to level 5 or 6, "Access volume booster mode?" is displayed. Press **OK** to continue adjusting the volume.

Note:

- Even if you set the receiver volume to level 5 or 6, the volume decreases to level 4 when the phone is turned off.

International call

- 1 Press and hold [0+] until the international prefix "+" is displayed.
- 2 Enter the country/region code, area code, and phone number. → [↶]

Emergency call

To make an emergency call, the phone must be within the range of a GSM network.

To make an emergency call:

Enter the emergency number. → [↶]

Note:

- When "Limited Service" is displayed (page 32), you may not be able to make an emergency call. Call the international emergency number "112", if your country supports this number.
- If you find that a number does not work on your phone, or for details of emergency numbers, please contact your network operator.

Answering calls

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

- 1 Press [↶] or [☎] to answer a call.
 - You can also answer a call by pressing any dial key from [0] to [9], [✱], or [#]. (Any key answer feature: page 26)
 - To reject the call, press [⊗⊞].
- 2 Press [⊗⊞] to end the call.

Adjusting the ringer volume

■ While the phone is ringing for an incoming call:

Press [+] or [-] repeatedly to select the desired volume.

- You cannot adjust the ringer volume while the phone is ringing in silent mode (page 14).

■ Programming the volume beforehand:

- 1 [⊞] → ↶ → **OK**
- 2 [↕]: "Sound" → **OK**
- 3 [↕]: "Ringer Volume" → **OK**
- 4 Press [+] or [-] to select the desired volume.

Making/Answering Calls

Temporary ringer off

While the phone is ringing for a call, you can turn the ringer off temporarily by pressing [C/⊗].

Call log

This phone has 4 call log lists. The last 10 incoming, outgoing, and missed calls are stored in each call log (each 40 digits max.). The recent call log list displays the last 30 calls (incoming, outgoing, and missed), beside 3 other types of call log.

Note:

- When a caller's phone number matches a phone number stored in the contacts list, the stored name is displayed and logged.
 - “Unknown Number” is displayed when a call cannot be received displaying a phone number.
 - “Withheld” is displayed when the caller requests not to send a phone number.

Making a call using the call log

- 1 Press [↶] to display the recent call log list in standby mode.
 - Press [▶] or [◀] to select the desired call log lists.
- 2 [⬆]: Select the desired phone number. → [↶]

Note:

- You can check and reset the duration of incoming, outgoing, and the last call. To check the call duration:
[☰] → [⌂] → **OK** → [⬆]: “Call Duration” → **OK**

Missed calls

If a call is not answered, the phone treats it as a missed call. “Missed Call(s)” and the number of missed calls are shown on the display. You can view the missed call log by pressing **OK** when it is displayed.

Call log options

In the call log list, the following options are available by pressing [☰]:

- “Use Number”: edit and call using the phone number.
- “Detail”: view the caller's information.
- “Create Message”: write and send text messages (SMS).
- “Add Phonebook”: edit and store the phone number to the contacts list.
- “Delete”: delete a caller's log.
- “Delete All”: delete all caller logs from the selected call log list.

Useful features during a call

Mute

While mute is on, you can hear the other party, but the other party cannot hear you.

- 1 Press [C/⊗] during conversation.
- 2 To return to the conversation, press [C/⊗] again.

Voice equalizer

This feature clarifies the voice of the person you are talking to, producing a more natural-sounding voice that is easier to hear and understand. The default setting is “Normal”.

- 1 Press [☰] during conversation.
- 2 [⬆]: “Equalizer” → **OK**
- 3 [⬆]: Select “Normal”, “Treble Boost”, or “Bass Boost”. → **OK**

Note:

- Depending on the condition and quality of network, this feature may amplify existing line noise. If it becomes difficult to hear, turn this feature off.

Network service features during a call

You must first subscribe to the services of your network operator. Please contact your network operator for details and availability of the services in your area.

Hold

This feature allows you to put a call on hold.

- 1 Press **[☰]** during conversation.
- 2 **[↕]**: "Hold" → **OK**
- 3 To release hold, press **[☰]**. → **[↕]**: "Retrieve" → **OK**

For call waiting service users

This feature allows you to receive and make calls to other parties while on the phone. If you receive a call while on the phone, you will hear a very brief call waiting tone. To receive a 2nd call displaying the 2nd caller's information, activate the call waiting feature (page 28).

- 1 **To answer the 2nd call:**
Press **[↔]**.
 - The 1st call is put on hold and **[☰]** displays the line on hold.**To make another call:**
Enter the phone number. → **[↩]**
 - **Using the contacts list:**
[☰] → **[↕]**: "Menu" → **OK** → **[📖]** → **OK** → **[↕]**: "Contacts" → **OK** → **[↕]**: Select the desired contact. → **[↩]**
 - The 1st call is put on hold and **[☰]** displays the line on hold.
- 2 **To switch between calls:**
[☰] → **[↕]**: "Swap" → **OK**
To end a call:
[↕]: Select the call you want to end. → **[📞]**
To end all calls:
[☰] → **[↕]**: "Release All" → **OK**

For conference call service users

This feature allows you to have a conversation with up to 5 parties at the same time.

- **When receiving another call:**
 - 1 Press **[↔]** to answer the 2nd call.
 - 2 **[☰]** → **[↕]**: "Merge" → **OK**
 - 3 While on the conference call, press **[📞]** to end.
- **When making another call:**
 - 1 Enter the phone number. → **[↩]**
 - 2 After the call is connected, press **[☰]**.
 - 3 **[↕]**: "Merge" → **OK**
 - 4 While on the conference call, press **[📞]** to end.

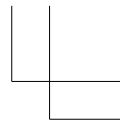
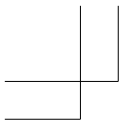
Useful features during a conference call

- 1 During a conference call, press **[☰]**.
- 2 **[↕]**: "Browse conf." → **OK**
 - All members in the conference call are displayed, either by name or number.
- 3 **[↕]**: Select the desired phone number. → **[☰]**
- 4 **[↕]**: "Split" → **OK**
 - To end the selected caller's participation, select "Disconnect". → **OK**
 - The remaining callers can continue with the conference call.
- 5 To re-build the conference, press **[☰]**. → **[↕]**: "Merge" → **OK**

For transferring call service users

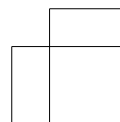
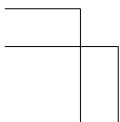
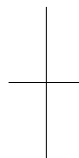
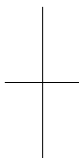
This feature allows you to transfer and connect 2 outside calls.

- 1 **When receiving another call:**
Press **[↔]** to answer the 2nd call.
When making another call:
Enter the phone number. → **[↩]**



Making/Answering Calls

- 2** Press **[4]** and **[📞]**.
- Calls are automatically ended after the other parties connect successfully.



Character entry

The dial keys are used to enter characters and numbers. Each dial key has multiple characters assigned to it. The characters that can be entered depend on the input mode.

- Press [**←**] or [**→**] to move the cursor.
- Press dial keys to enter characters and numbers.
- Press [**#**] to select the desired symbol.
- Press [**C/⊗**] to erase the character or number to the left of the cursor. Press and hold [**C/⊗**] to erase all characters or numbers to the left of the cursor.
- Press [**✳**] (A→a) to change the input letter case. For example, small letter (abc), auto case (Abc), and capital letter (ABC).
- To enter another character located on the same dial key, press [**→**] to move the cursor to the next space, then press the dial key again.
- If you do not press any dial key for about 1 second after entering a character, the character is fixed.

Selecting input modes and the symbols

The available input modes are Alphabet (**abc**), Numeric (**123**), Greek (**αβγ**), Extended 1 (**äää**), and Extended 2 (**śśś**). You can select which mode is entered by pressing a dial key repeatedly in all modes except Numeric.

When the phone displays the character entry screen,

■ To select the input mode:

[**☰**] → [**↕**]: "Input mode" → **OK** → [**↕**]: Select the desired input mode. → **OK**



■ To select the symbols:

- [**#**] → Press [**▲**], [**▼**], [**←**], or [**→**] to select the desired symbol. → **OK**
- ↵ is used only for text message (SMS) entry.

Text message (SMS)











SMS (Short Message Service) allows you to send and receive text messages using network services. To use SMS features, you must confirm that the correct service centre number is stored. Contact your network operator for details and availability of this service.

Note:

- The service centre number may be preprogrammed to the SIM card (page 21).
- You can save SMS messages in the phone or SIM card by changing storage media (page 21). SMS messages are automatically saved to other media when the memory of the current media is full.
- SMS messages saved in the phone are indicated by  and those saved in the SIM card are indicated by .
- A total of 100 SMS messages at 160 characters (70 characters depending on type) per message can be saved in the phone. The maximum number of SMS message that can be stored to the SIM card is dependent on your SIM card.
- The phone can send or receive SMS messages beyond the character limit for a single message. Longer messages are sent as a series of 2 or more messages. The message length indicator at the top of the screen displays the number of characters remaining and the number of SMS messages required to send.
- Characters that cannot be displayed are shown as "?" instead.

Messages

Writing and sending a new message

- 1  →  → **OK**
- 2 : “Create Message” → **OK**
 - The display shows any unfinished or unsaved text for you to continue.
- 3 Enter a message. → **OK**
 - To change the input letter, press **[*]** (page 19).
 - To change the input mode:
 → : “Input mode” → **OK**
→ : Select the desired input mode (page 19). → **OK**
 - To save the message:
 → : “Save” → **OK**
- 4 Enter destination phone number (20 digits max.). → **OK**
 - Using the contacts list:
 → : Select the desired contact. → **OK** 2 times
- 5 To send the message, select “Yes”. → **OK**
 - The sent message is automatically saved to outbox.
 - If you select “No”, the display returns to step 4.


Note:

- This phone supports long messages (3 connected SMS messages max.) of up to 459 or 201 characters depending on character type. However, the maximum number of characters you can send or receive may be limited by your network operator. Contact your network operator for details.
- If your SMS message contains over 160 characters (70 characters depending on character type), it is a long message. The message length indicator in the upper-right of the screen displays the number of characters remaining and the number of SMS messages required to send. Your network operator may treat long messages differently from other SMS messages. Contact your network operator for details.

- You cannot send or receive SMS messages containing pictures, sound, or contacts list.





Reading a received message

When an SMS message is received:

- an SMS ring tone is heard (if the ringer volume is on).
- the phone vibrates (if the silent mode is on, page 14).
- “New Message (s)” is displayed with the total number of new (unread) SMS messages.
-  is displayed.

Note:





- SMS messages are automatically saved to other media when the memory of the current media is full (page 21).
- When the SMS message memory is full, you cannot receive any new SMS messages. Erase unnecessary SMS messages (page 21) to receive new SMS messages.

- 1  →  → **OK**
- 2 : “Inbox” → **OK**
- 3 : Select a message.
 - To scroll through the SMS messages, press and hold **[v]** or **[^]**.
- 4 Press **OK** to read the message content.

Note:

- Display the inbox by simply pressing **OK** when “New Message (s)” is displayed.

Replying to a received message

- 1 While reading a received message, press .
- 2 : “Reply Message” → **OK**
- 3 Enter a message (page 19). → **OK**
 - To save the message:
 → : “Save” → **OK**
- 4 Edit the destination phone number if necessary. → **OK**

- 5 To send the message, select “Yes”. → **OK**

SMS options

In the inbox, outbox, and draftbox, the following options are available by pressing



- “**Use Number**”: edit and call using the recipient’s or sender’s phone number.
- “**Reply Message**”: reply to the SMS message.
- “**Forward Message**”: edit and send an SMS messages from inbox.
- “**Edit Message**”: edit and send an SMS messages from outbox or draftbox.
- “**Add Phonebook**”: edit and store the recipient’s or sender’s phone number or the numbers in the SMS message to the contacts list.
- “**Delete**”: erase an SMS message.
- “**Delete All**”: erase all SMS messages from the selected box.

SMS settings

In the SMS menu, you can change the following settings. To change the settings:

→ → **OK** → : “Settings” → **OK**

- “**Service Centre**”: change and store the service centre number.
- “**Validity Period**”: set the time period during which the service centre will try to resend the SMS message if it has not been delivered.
- “**Status Report**”: receive status reports to find out whether your sent SMS messages have been successfully delivered or not.
- “**Reply Path**”: SMS messages may be sent using another service centre number when this feature is turned on.
- “**Storage Media**”: select the memory location of SMS messages from SIM or phone.
- “**Memory Status**”: check the amount of current SMS messages.

Voicemail service

Voicemail is an automatic answering service offered by your network operator. Contact your network operator for details and availability of this service.

Storing the voicemail access number

In order to listen to your voicemail messages, you must dial your network operator’s voicemail access number.

- 1 → → **OK**
- 2 : “Voicemail” → **OK**
- 3 : “Voicemail number” → **OK**
- 4 Enter the voicemail access number (20 digits max.). → **OK**

Listening to voicemail messages

When you have new voicemail messages, is displayed or the text message (SMS) is received, depending on your network operator.

- 1 Press and hold [**1**] when in standby mode.
- 2 Press [**✖**] to end the call.

Note:













- Step 1 variation:
 → → **OK** → : “Voicemail” → **OK** → : “Call Voicemail” → **OK**

Phonebook

Phonebook

Adding contacts

You can store 100 names and phone numbers to the contacts list in the phone. The maximum number of names and phone numbers that can be stored to the SIM card is dependent on your SIM card. Make sure of the memory location (phone or SIM card) before adding contacts (page 23).

- 1  →  → **OK**
- 2 : "Create" → **OK**
- 3 : "(No name)" → **OK**
- 4 Enter the party's name. → **OK**
 - To change the input letter case, press  (page 19).
 - To change the input mode:
 → : "Input mode" → **OK**
→ : Select the desired input mode (page 19). → **OK**
- 5 : "(Number Empty)" → **OK**
- 6 Enter the party's phone number. → **OK**
 - When the selected memory location is SIM card, go to step 9.
- 7 : "(Ungrouped)" → **OK**
- 8 : Select the desired group. → **OK**
- 9 
 - To add other contacts, repeat from step 2.

Note:

- Each contact stored in the contacts list of the phone is limited to 16 characters max., with phone number limited to 40 digits max.
- The number of characters and digits that can be input into each SIM card contact is limited by your SIM card.












Finding and calling from contacts

Scrolling through all contacts








All contacts stored in the phone and SIM card are displayed.

Important:


- A maximum of 254 SIM card contacts can be displayed regardless of how many contacts are stored in your SIM card.

- 1 Press  or 
 -  indicates SIM card contacts and  indicates the contacts stored in the phone.
 - To change the input mode for searching the contacts list:
 → : Select the desired input mode (page 19). → **OK**
 - To change the input letter case for searching the contacts list, press  (page 19).
- 2 : Select the desired contact.
 - Press a dial key ( to ) repeatedly to display each first contact corresponding to each character located on the selected dial key (page 19). If there is no contact corresponding to the character you selected, the next contact is displayed.
- 3 

Searching by category

- 1 Press  or .
- 2  → : "Change Category" → **OK**
- 3 : Select the desired category. → **OK**
 - To end the category search, select "All Users".
- 4 : Scroll through the contacts list if necessary. → 

Contacts list options

In the contacts list, the following options are available by pressing :


- "Edit": edit and store a contact.
- "Create Message": write and send a text message (SMS).
- "Use Number": edit and call using a contact.
- "Create": add a contact to the contacts list.

- “Change Category”: select the category or group to search for in the contacts list.
- “more...”: show more available options.
 - “Add Speed Dial”: assign a contact to a speed dial key.
 - “Add to group”: assign a contact to the group.
 - “Copy”: copy a contact from the phone to SIM card or vice versa.
 - “Delete”: delete a contact.
 - “Input mode”: change the character input mode when entering the character.



Groups (contacts stored in the phone only)

When adding a contact to the phone, you can assign it to one of 4 groups. You can change the names of groups to your desired name and search for contacts by group. You can also assign a ringer tone for each group.

Assigning a contact stored in the phone

- 1 Find the desired contact (page 22).
- 2  → [↕]: “more...” → **OK**
- 3 [↕]: “Add to group” → **OK**
- 4 [↕]: Select the desired group. → **OK**

Changing the group settings


- 1  →  → **OK**
- 2 [↕]: “Group” → **OK**
- 3 [↕]: Select a group. → **OK**
- 4 To change the group name:
 - [↕]: “Rename” → **OK** → Press **[C/X]** to delete the current name. → Edit the name (16 characters max.; page 19). → **OK**
 - To change the group ringer tones:
 - [↕]: “Ringtone” → **OK** → [↕]: Select the desired ringer tone. → **OK**
 - To reset a group:
 - [↕]: “Reset user group” → **OK** →
 - [↕]: “Yes” → **OK**

Copying contacts between the phone and SIM card



Important:

- Contacts copied from the phone to SIM card or vice versa are copied without overwriting any previously copied contacts, even in the case of duplicates.

Copying a contact



- 1 Find the desired contact (page 22).
- 2  → [↕]: “more...” → **OK**
- 3 [↕]: “Copy” → **OK**

Copying all contacts

- 1  →  → **OK**
- 2 [↕]: “more...” → **OK**
- 3 [↕]: “Memory manager” → **OK**
- 4 [↕]: “Copy All” → **OK**
- 5 [↕]: Select “Copy to SIM” or “Copy to Phone”. → **OK**

Phonebook settings

In the phonebook menu, you can change the following settings. To change the settings:

-  →  → **OK** → [↕]: “more...” → **OK**
- “My Number”: view the phone number assigned to the SIM card and enter/edit it if necessary.
 - “Memory manager”: show more available settings menus.
 - “Memory Status”: check for free and used memory capacity in the contacts list.
 - “Copy All”: copy all contacts from the phone to SIM card or vice versa.
 - “Delete All”: erase all contacts from the phone or SIM card.
 - “Save New Entry”: select the memory location for contacts.
 - “Enable FDN”/“Disable FDN” (SIM card dependent): activate or deactivate







Phonebook

FDN (Fixed Dialling Number). This feature allows you to restrict your outgoing calls to selected phone numbers if supported by your SIM card. Only the phone numbers stored in FDN can be shown, dialled, or messaged when this feature is enabled. You need to enter PIN2 each time you access FDN.

- “Service Dial” (SIM card dependent): access the special services of your network operator (such as customer support, emergency services, etc.) if SDN (Service Dialling Number) is included on your SIM card.

Speed dial



Assigning a contact to a speed dial key

- 1  →  → **OK**
- 2 : “Speed Dial” → **OK**
- 3 : Select the desired dial key number.
→ **OK**
- 4 : “Add List” → **OK**
- 5 : Select the desired contact. → **OK**







Note:

- If you edit a contact which is assigned to a speed dial key, the link between the contact and speed dial key is cut. In this case, assign the contact to a speed dial key again.

Making a call using a speed dial key


Press the desired speed dial key ([2] to [9]).
→ /[

Cancelling a speed dial assignment

- 1  →  → **OK**
- 2 : “Speed Dial” → **OK**
- 3 : Select the desired dial key number.
→ **OK**
- 4 : “Remove” → **OK**
- 5 : “Yes” → **OK**


Changing the settings

You can customise your phone by changing the settings of the following features.

- 1  → Press [**▲**], [**▼**], [**◀**], or [**▶**] to select the desired main menu. → **OK**
- 2 Press [**▼**] or [**▲**] to select the desired item from the next sub-menus. → **OK**
- 3 Press [**▼**] or [**▲**] to select the desired setting. → **OK**
 - This step may vary depending on the feature being programmed.

Note:

- In the following table, < > indicates the default settings.

■ Main menu:  "Settings"

Sub menu 1	Sub menu 2	Sub menu 3	Page
Profile <Normal>	–	–	14
Sound	Ringer Volume ^{*1} <Maximum>	–	15
	Ringtone ^{*2} <Ringtone 1>	–	–
	SMS Ringtone ^{*2} <Ringtone 2>	–	–
	Vibration <Off>	–	–
	Audible Dialling <Normal>	–	14
	Keystone ^{*3} <On>	–	–
	Display	Brightness <Level 4>	–
Wallpaper <Off>		–	–
Background <Black>		–	–
Clock Display ^{*4} <On>		–	–
Network Name ^{*5} <On>		–	–
Language ^{*6} <Auto>		–	13

Settings and Tools

Sub menu 1	Sub menu 2	Sub menu 3	Page	
Call	Priority Call	Call Number	29	
		Message	30	
		Buzzer <On>	30	
	Call Waiting	-	28	
	Call Divert	-	28	
	Call Barring	Outgoing Barring	-	28
		Incoming Barring		
		Restrict Incoming ^{*7}	-	
	Barring Password	-	28	
	Show My ID ^{*8} <Network Set>	-	-	
	Auto Redial ^{*9} <Off>	-	-	
Any Key Answer <Off>	-	15		
Auto Talk ^{*10} <Off>	-	-		
more...	Security	PIN1 Request	30	
		Change PIN1 ^{*11}	-	
		Change PIN2	-	
		Phone Code Request <Off>	30	
		Change Phone Code <0000>	-	
	Network ^{*12} <Auto>	-	-	
	Reset Settings ^{*13}	Enter the current 4-digit phone code. → OK	-	

■ Main menu:  "Tools"

Sub menu 1	Sub menu 2	Sub menu 3	Page
SIM Tool Kit ^{*14}	-	-	-

■ Main menu:  "Clock Settings"

Sub menu 1	Sub menu 2	Sub menu 3	Page
Date & Time	-	-	13
Alarm	-	-	31

Settings and Tools

Sub menu 1	Sub menu 2	Sub menu 3	Page
Night Mode	–	–	31
Summer Time <Off>	–	–	–

- *1 Ringer volume cannot be set to off for alarm.
- *2 The preset melodies in this product are used with permission of © 2010 Copyrights Vision Inc.
- *3 Turn this feature off if you prefer not to hear key tones while you are dialling or pressing any keys.
- *4 This feature allows you to display the clock in standby mode.
- *5 This feature allows you to display the current network in standby mode. If 2 network names are displayed, the upper line shows network name and the lower line shows network operator's name. The lower line displays depending on your SIM card.
- *6 **"Auto"** means the phone automatically changes the inserted SIM card language, dictated by the language setting of the SIM card.
- *7 You can set the phone to reject calls when an anonymous call is received.
 - **"Except Contacts"**: reject calls from phone numbers not registered in the contacts list.
 - **"Withheld"**: reject calls when caller information is deliberately withheld.
 When an anonymous call is received, it is disconnected and logged by the phone.
- *8 When you set to **"off"**, you may not be able to make calls depending on the network.
- *9 This feature allows the phone to automatically redial multiple times under certain conditions, such as no answer or when the other party's line is engaged. To stop auto redial while redialling, press [**✖** **⏻**].
- *10 When you turn this feature on, you can answer calls by simply lifting the phone off the charger while charging.
- *11 When you change PIN1 code, make sure that the PIN1 code request is set to **"On"**.
- *12 This feature allows you to set the phone to automatically roam for a network or to just search manually.
 - "Auto"**: The phone automatically searches for the currently available network.
 - "Manual"**: Depending on network situations the phone displays a list of networks that exist in the current location, allowing you to manually select the desired network. A network name with "**✓**" is an available network that you can select. If the selection fails, re-select the network from the list.
- *13 All settings other than the following items can be reset to factory default:
 - Date and time (page 13), Summer time
 - Call logs (page 16)
 - All text messages (SMS), service centre number, and validity period (page 21)
 - Call waiting (page 28), Call divert (page 28), and Call barring (page 28)
 - Priority call number, storing SMS message, and buzzer (page 29)
 - PIN1 code request (page 30), Phone code
 - Contacts, group, fixed dial, and my number in the phonebook settings (page 23)
- *14 If your SIM card includes SAT (SIM Application Toolkit), display shows network operator's additional menu in this area. The SIM Toolkit allows the applications existing on the SIM card to interact and operate with your phone. Please contact your network operator for further information.

Settings and Tools

Call settings

Call waiting (network service)

Activating/deactivating call waiting

- 1 → → **OK**
- 2 : "Call" → **OK**
- 3 : "Call Waiting" → **OK**
- 4 : Select "Activate" or "Deactivate". → **OK**
 - To check the status, select "Status". → **OK**

Note:

- For details of call waiting service, see page 17.

Call divert (network service)

This feature allows the phone to divert incoming calls to another phone number. Contact your network operator for details and availability of this service.

Note:

- Call divert may not work if call barring is activated (page 28).

Activating/deactivating call divert

- 1 → → **OK**
- 2 : "Call" → **OK**
- 3 : "Call Divert" → **OK**
- 4 : Select the desired situation. → **OK**
 - "All Calls": All calls are diverted.
 - "If Unavailable": Calls are diverted when if busy, no answer, and unreachable.
 - "If Busy": Calls are diverted if you are already on a call.
 - "No Answer": Calls are diverted if you do not answer a call after a delay.
 - "If Unreachable": Calls are diverted if the phone is out of GSM network range.

- 5 : Select "Activate" or "Deactivate". → **OK**
 - To check the status, select "Status". → **OK**
- 6 Enter/edit the phone number if necessary (20 digits max.). → **OK**
 - When you select "If Unavailable" or "No Answer" in step 4, select a delay time (5-30 seconds). → **OK**

Call barring (network service)

Call barring restricts certain types of incoming and/or outgoing calls, using a password supplied by your network operator. Contact your network operator for details and availability of this service.

Note:

- Call barring may not work if call divert is activated (page 28).

Activating/deactivating call barring

- 1 → → **OK**
- 2 : "Call" → **OK**
- 3 : "Call Barring" → **OK**
- 4 : Select "Outgoing Barring" or "Incoming Barring". → **OK**
- 5 : Select the desired option. → **OK**
- 6 : Select "Activate" or "Deactivate". → **OK**
 - To check the status, select "Status". → **OK**
- 7 Enter the 4-digit barring password. → **OK**

Note:

- If you enter the incorrect barring password 3 times, it then becomes invalid. Contact your network operator.

Changing the call barring password

- 1 → → **OK**
- 2 : "Call" → **OK**

- 3 **[↕]**: “Call Barring” → **OK**
- 4 **[↕]**: “Barring Password” → **OK**
- 5 Enter the current 4-digit password. → **OK**
- 6 Enter the new 4-digit password. → **OK**
- 7 Re-enter the new 4-digit password for verifying. → **OK**

Priority call

Priority call is a function that allows you to ask a registered person for assistance by sending a text message (SMS) and making a call, using **[↕]** (back of the phone).

The phone will beep and send an SMS message, and then call the number you stored in the call number list. Before using this feature, you need to store the phone number (5 numbers max.) to the call number list in the desired order of priority.

Note:

- **[↕]** can be activated while the key lock is on (page 14).

Priority call procedure

- 1 Press and hold **[↕]** (back of the phone) for about 3 seconds, or press it 3 times within 3 seconds when in standby mode.
 - 2 The phone sends an SMS message.
 - If the buzzer function is on, the phone beeps until the SMS message is sent (page 30).
 - If the SMS message is not stored (page 30), the phone skips this step.
 - 3 The phone dials the 1st phone number in the call number list. Speakerphone is on.
 - To switch to the receiver, press **[📞]**.
 - 4 **■ If the call is answered**, the priority call procedure is stopped and you can start the conversation.
 - The priority call procedure is stopped even if the call accesses the voicemail centre.
- OR**

■ If the other party is busy, rejects the call, or does not answer within 60 seconds, the phone automatically dials the next number. The phone repeats the sequence of sending SMS message and dialling the numbers in the call number list, a maximum of 2 times. If nobody answers the priority call, the phone disconnects the call.

Note:

- If you want to stop the priority call procedure, press **[📞]** during dialling.

Adding a priority call number

You can store the phone number to the priority call number list (5 numbers max.).

■ By entering phone numbers:

- 1 **[☰]** → **[📞]** → **OK**
- 2 **[↕]**: “Call” → **OK**
- 3 **[↕]**: “Priority Call” → **OK**
- 4 **[↕]**: “Call Number” → **OK**
- 5 **[↕]**: Select the desired position in the call number list. → **OK**
- 6 **[↕]**: “(No name)” → **OK**
- 7 Enter the party’s name (16 characters max.; page 19). → **OK**
 - To change the input mode:
 - [☰]** → **[↕]**: “Input mode” → **OK** → **[↕]**: Select the desired input mode (page 19). → **OK**
- 8 **[↕]**: “(Number Empty)” → **OK**
- 9 Enter the party’s phone number (40 digits max.). → **OK** → **[📞]**

■ From the contacts list:

- 1 **[☰]** → **[📞]** → **OK**
- 2 **[↕]**: “Call” → **OK**
- 3 **[↕]**: “Priority Call” → **OK**
- 4 **[↕]**: “Call Number” → **OK**
- 5 **[↕]**: Select the desired position in the call number list. → **[☰]**
- 6 **[↕]**: “Add List” → **OK**

Settings and Tools

- 7 [↕]: Select the desired contact. → **OK**

Note:

- Storing public institutions such as the police, rescue services, or fire brigade is not recommended.

Storing an SMS message

When you store an SMS message, the phone sends the SMS message before dialling the priority call number.

Note:

- Make sure the SMS service centre number is stored (page 21).

- 1 [☰] → [📞] → **OK**
- 2 [↕]: "Call" → **OK**
- 3 [↕]: "Priority Call" → **OK**
- 4 [↕]: "Message" → **OK**
- 5 Enter a message (70 characters max.; page 19).
 - To change the input mode:
[☰] → [↕]: "Input mode" → **OK**
→ [↕]: Select the desired input mode (page 19). → **OK**
- 6 **OK**

Turning the buzzer on/off

The default setting is "On".

- 1 [☰] → [📞] → **OK**
- 2 [↕]: "Call" → **OK**
- 3 [↕]: "Priority Call" → **OK**
- 4 [↕]: "Buzzer" → **OK**
- 5 [↕]: Select the desired setting. → **OK**

Security settings

PIN code

PIN1/PIN2 protects your SIM card against unauthorised use. PIN1 is used for security to

limit access to the phone. PIN2 is used to control security of certain provided services such as fixed dial (page 23). Both PIN numbers are issued by your network operator.

Important:

- If you enter the incorrect PIN1/PIN2 code 3 times, the SIM card is locked. Enter the 8-digit PUK1 code for PIN1 or the 8-digit PUK2 code for PIN2 to unlock. Both PUK numbers are issued by your network operator.
- If you enter the incorrect PUK1 code 10 times, the SIM card is permanently locked. The SIM card will need to be replaced as all information stored will be lost. If you enter the incorrect PUK2 code 10 times, services controlled by PIN2 code cannot be used. Contact your network operator for further information.

Setting the PIN1 code request

When you turn this feature on, you must enter PIN1 code each time the phone is turned on. The default setting is followed by the SIM card setting.

Important:

- The PIN1 code request cannot be set to "off" with some SIM card types.

- 1 [☰] → [📞] → **OK**
- 2 [↕]: "more..." → **OK**
- 3 [↕]: "Security" → **OK**
- 4 [↕]: "PIN1 Request" → **OK**
- 5 [↕]: Select the desired setting. → **OK**
- 6 Enter the current PIN1 code (4 to 8 digits). → **OK**

Phone code

The phone code protects the phone against unauthorised use.

Setting the phone code request

When you turn this feature on, you must enter the phone code each time the phone is turned on or a new SIM card is inserted. The default

setting is "Off" and default phone code is "0000".

- 1 → → **OK**
- 2 []: "more..." → **OK**
- 3 []: "Security" → **OK**
- 4 []: "Phone Code Request" → **OK**
- 5 []: Select "Power On", "New SIM Set", or "Off". → **OK**
- 6 Enter the current 4-digit phone code. → **OK**

Clock settings

Alarm

An alarm sounds at the set time (once or weekly) for 30 seconds and is repeated 3 times at 5 minute intervals (snooze function). A total of 3 separate alarm times can be programmed. The phone vibrates at the set time when the silent mode is on (page 14).

- 1 → → **OK**
- 2 []: "Alarm" → **OK**
- 3 []: Select an alarm (1 to 3). → **OK**
- 4 []: Select the desired alarm option. → **OK**
 - "Once": Alarm sounds once at the set time. Go to step 6.
 - "Weekly": Alarm sounds weekly at the set time(s).
 - "Off": Turns alarm off.
- 5 []: Select the desired day of the week and press . → **OK**
- 6 Set the desired time. → **OK**
- 7 []: Select the desired ringer tone. → **OK**
 - We recommend selecting a different ringer tone to the one used for calls.

Note:

- Press to stop the alarm completely.
- Press to stop the sound but keep the snooze function activated.

- The phone will automatically turn the power on and sound the alarm at the set time even if the phone is off.
When the alarm sounds:
 - Press and **OK** to keep the power on after the alarm completely stops.
 - Press and to stop the alarm completely and keep the power off.
 - Press to stop the alarm sound, keeping the power off but snooze function active.
 - Leave the alarm to sound for 30 seconds, after which the snooze function is automatically activated and the power kept off.
- The alarm volume is linked to the ringer volume setting for incoming calls (page 25). However, when the ringer volume is set to off, the alarm still sounds at a low level.

Night mode

Night mode is a function that stops the phone from ringing when you do not want to be disturbed. If you set the ring delay, the phone starts ringing after a selected amount of time has passed.

Note:

- If you have set the alarm, the alarm sounds even if the night mode is on.
- Even when the night mode is on, the phone vibrates while the phone is ringing in silent mode (page 14).

Turning night mode on/off

- 1 → → **OK**
- 2 []: "Night Mode" → **OK**
- 3 []: Select "On" or "Off". → **OK**
- 4 Enter the desired hour and minute you wish to start this feature. → **OK**
- 5 Enter the desired hour and minute you wish to end this feature. → **OK**
- 6 []: Select the desired ring delay. → **OK**
 - If you select "No Ringing", the phone never rings during night mode.

Useful Information

Error messages

Display message	Cause/solution
SIM Error	Contact your network operator for further information.
Limited Service	There is no network service in your current location. Move to another location where your network can be received properly.
No Service	There is no network service in your current location. Check the current status and move to a new location with better reception (page 12).
PUK1 Blocked! or PUK2 Blocked!	You entered incorrect PUK1/PUK2 code 10 times, therefore PUK1/PUK2 code is blocked. Contact your network operator.
Charging stopped, charge within specified temperature range.	Charge the battery in a place with an appropriate ambient temperature ranging from 5 °C to 40 °C.

Troubleshooting



If you still have difficulties after following the instructions in this section, turn off the phone, remove the battery, then turn it on again after about 1 minute.

General use

Problem	Cause/solution
The phone does not turn on even after installing charged battery.	<ul style="list-style-type: none">● Press [⏻] for about 1 second to turn the power on.
The phone does not work.	<ul style="list-style-type: none">● Make sure the SIM card and the battery are installed correctly (page 9).● Fully charge the battery (page 9).
The display is blank.	<ul style="list-style-type: none">● The phone is in power save mode. Activate the display again by pressing the centre of the navigator key.● The phone is not turned on. Press [⏻] for about 1 second to turn the power on.
The contacts in the contacts list are not displayed correctly.	<ul style="list-style-type: none">● Only characters supported by this phone can be displayed (page 19).
The display is in a language I cannot read.	<ul style="list-style-type: none">● Change the display language (page 13).
The receiver volume has changed to level 4, even though I set it to a higher volume.	<ul style="list-style-type: none">● The receiver volume decreases to level 4 when the phone is turned off. Adjust the volume again (page 15).

Useful Information

Battery recharge

Problem	Cause/solution
The phone beeps and/or  flashes.	<ul style="list-style-type: none">● Battery charge is low. Fully charge the battery (page 9).
I fully charged the battery, but –  still flashes or – the operating time seems to be shorter.	<ul style="list-style-type: none">● Clean the battery end (\oplus, \ominus) and the charge contacts with a dry cloth and charge again.● It is time to replace the battery (page 9).

Making/answering calls

Problem	Cause/solution
Noise is heard, sound cuts in and out.	<ul style="list-style-type: none">● You are using the phone in an area with high electrical interference. Move to a location away from sources of interference.● The GSM network signal is weak. Check the current status and move to a new location until more bars are visible (page 12).
The phone does not ring.	<ul style="list-style-type: none">● The ringer volume is turned off. Adjust ringer volume (page 15).● Night mode is on. Turn it off (page 31).
I cannot make a call.	<ul style="list-style-type: none">● The phone is not in a GSM network service coverage area. Check the current status and move to a new location until more bars are visible (page 12).● Outgoing calls are barred. Deactivate the outgoing call bar settings (page 28).● Your call is withheld. Change the show my ID setting to a setting other than “o££” (page 26).● The key lock is on. Unlock it (page 14).● Fixed dialling feature is enabled (page 23). Disable it.
I cannot receive a call.	<ul style="list-style-type: none">● The phone is not in a GSM network service coverage area. Check the current status and move to a new location until more bars are visible (page 12).● Incoming calls are barred. Deactivate the incoming call bar settings (page 28).● A call matching the criteria for incoming restriction is being received (page 26). Turn the incoming restriction feature off.

Useful Information

Messages

Problem	Cause/solution
I cannot send text messages (SMS).	<ul style="list-style-type: none">• The phone could not connect to the service centre. Confirm that the correct service centre number is stored (page 21).• Connection to service centre is temporarily down. Wait and try again later.• The destination phone number is incorrect. Enter the correct destination phone number (page 21) and try again.• Fixed dialling feature is enabled (page 23). Disable it.• Recipient is currently out of network or has turned their power off. Wait and try again later.
I cannot receive text messages (SMS).	<ul style="list-style-type: none">• The service centre number is not stored or is incorrect. Store the correct number (page 21).• Text message (SMS) transmission was interrupted. Wait until the text message (SMS) has been sent before using phone functions.
I cannot receive voicemail message notifications.	<ul style="list-style-type: none">• When the text message (SMS) memory is full, you may not be able to receive any new voicemail message notifications. Erase unnecessary text messages (SMS) to receive new voicemail message notifications (page 21).
I cannot receive text messages (SMS) even though the phone has enough memory to receive messages.	<ul style="list-style-type: none">• Some kind of text messages (SMS) can be received to the SIM card only. Check the memory status in the SIM card (page 21) and erase unnecessary text messages (SMS) (page 21).
I cannot receive E-mail messages.	<ul style="list-style-type: none">• This phone only supports text message (SMS) services. Contact your network operator for details of this service.

Liquid damage

Problem	Cause/solution
Liquid or other form of moisture has entered the phone/charger.	<ul style="list-style-type: none">• Disconnect the AC adaptor from the phone/charger. Remove the SIM card and battery from the phone and leave to dry for at least 3 days. After the phone/charger are completely dry, insert the SIM card and battery into the phone. Then reconnect the AC adaptor to charge fully before use. If the phone does not work properly, contact your place of purchase or nearest Panasonic service centre.

Caution:

- To avoid permanent damage, do not use a microwave oven to speed up the drying process.

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 product proves to be defective by reason of faulty design, workmanship or materials, we undertake subject to the following conditions to have the defective product (or any part or parts there of) repaired or replaced free of charge.

1. The product shall have been purchased and used solely within either the U.K. or Ireland and in accordance with standard operating instructions and the technical and/or Safety Standards required in the U.K.
2. On being found defective, please consult with the retailer from where it was purchased for assistance.
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 product 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 product are replaced with a part or parts not supplied or approved by us or of an objective quality safe and suitable for the product, or the product 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 product 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 product 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.

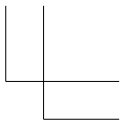
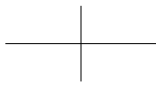
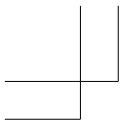
Panasonic U.K. a branch of Panasonic Marketing Europe GmbH

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

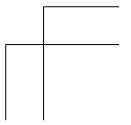
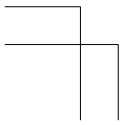
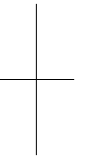
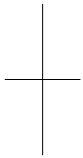
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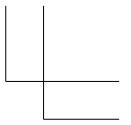
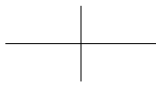
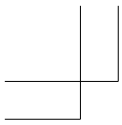
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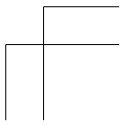
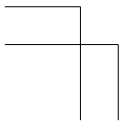
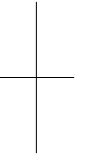
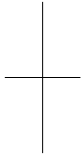


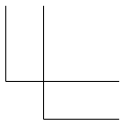
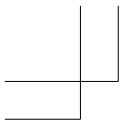
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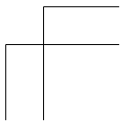
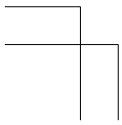
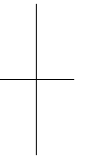
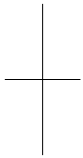


Notes





Notes



For your future reference

We recommend keeping a record of the following information to assist with any repair under warranty.

Serial No.	Date of purchase
(found on the carton box or on the small rectangular surface just below the battery compartment)	
Name and address of dealer	



<p>Helpline Tel. No. for customers within the U.K.: 0844 844 3899 Helpline Tel. No. for customers within Ireland: 01289 8333</p>
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CE0700

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