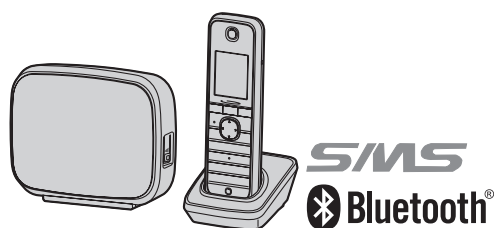


# Panasonic®

## Operating Instructions

Digital Cordless Phone  
with TFT Colour Display

Model No. **KX-TG8611FX**



***Before initial use, see “Getting Started” on page 9.***

**Thank you for purchasing a Panasonic product.**

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

This unit is compatible with Caller ID and SMS. You must subscribe to the appropriate service offered by your service provider/telephone company.

**To use this unit in your country, first change the unit’s region setting to match your country (page 31). Change the unit’s display language as needed (page 14).**

(For Czech and Slovakia)

This cordless telephone is possible to use according to General licence No.: VO-R/8/08.2005-23 (for Czech), VPR-7/2001 (for Slovakia).

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**Introduction**

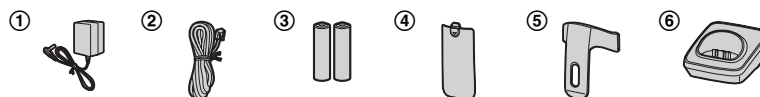
**Accessory information**

**Supplied accessories**

No.	Accessory item/Part number	Quantity
①	AC adaptor/PNLV226CE	2
②	Telephone line cord	1
③	Rechargeable batteries* <sup>1</sup>	2
④	Handset cover* <sup>2</sup>	1
⑤	Belt clip	1
⑥	Charger	1

\*1 See page 3 for replacement battery information.

\*2 The handset cover comes attached to the handset.



**Additional/replacement accessories**

Please contact your nearest Panasonic dealer for sales information.

Accessory item	Model number
Rechargeable batteries	HHR-4MRT or HHR-4NGE (P03P) or HHR-4MRE (P03I)* <sup>1</sup>
	Battery type: – Nickel metal hydride (Ni-MH) – 2 x AAA (R03) size for each handset
DECT repeater	KX-A405

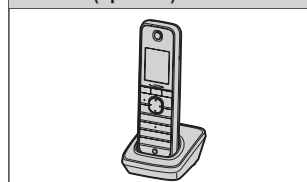
\*1 Replacement batteries may have a different capacity from that of the supplied batteries.

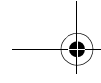
**Expanding your phone system**

You can expand your phone system by registering optional handsets (6 max.) to a single base unit.

- Optional handsets may be a different colour from that of the supplied handsets.

Handset (optional): KX-TGA860FX





## Introduction

---

### General information

- This equipment is designed for use on the Czech and Slovakia analogue telephone network.
- In the event of problems, you should contact your equipment supplier in the first instance.
- For use in other countries, please contact your equipment supplier.

#### Declaration of Conformity:

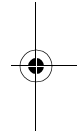
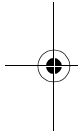
- Panasonic System Networks Co., Ltd. declares that this equipment is in compliance with the essential requirements and other relevant provisions of Radio & Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC.

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



### For your future reference

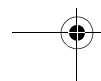
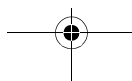
We recommend keeping a record of the following information to assist with any repair under warranty.

Serial No.	Date of purchase
------------	------------------

(found on the back of the base unit)

Name and address of dealer
----------------------------

Attach your purchase receipt here.



## Important Information

### For your safety

To prevent severe injury and loss of life/property, read this section carefully before using the product to ensure proper and safe operation of your product.

#### 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/power plug 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/power plug 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 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.

##### Installation

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Do not place or use this product near automatically controlled devices such as automatic doors and fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.
- Do not allow the AC adaptor or telephone line cord to be excessively pulled, bent or placed under heavy objects.

##### Operating safeguards

- Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners.
- Do not disassemble the product.
- Do not spill liquids (detergents, cleansers, etc.) onto the telephone line cord plug, or allow it to become wet at all. This may cause a fire. If the telephone line cord plug becomes wet, immediately pull it from the telephone wall jack, and do not use.
- The use of excessive sound volume through earphones, headphones, or headsets may cause hearing loss.

##### Medical

- Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids, to determine if they are adequately shielded from external RF (radio frequency) energy. (The product operates in the frequency range of 1.88 GHz to 1.90 GHz, and the RF transmission power is 250 mW (max..))
- Do not use the product in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

#### CAUTION

##### Installation and location

- Never install telephone wiring during an electrical storm.
- Never install telephone line jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.
- This product is unable to make calls when:
  - the handset batteries need recharging or have failed.
  - there is a power failure.
  - the key lock feature is turned on.

## Important Information

### Battery

- We recommend using the batteries noted on page 3. **USE ONLY rechargeable Ni-MH batteries AAA (R03) size.**
- Do not mix old and new batteries.
- Do not open or mutilate the batteries. Released electrolyte from the batteries is corrosive and may cause burns or injury to the eyes or skin. The electrolyte is toxic and may be harmful if swallowed.
- Exercise care when handling the batteries. Do not allow conductive materials such as rings, bracelets, or keys to touch the batteries, otherwise a short circuit may cause the batteries and/or the conductive material to overheat and cause burns.
- Charge the batteries 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 batteries. Do not tamper with the charger. Failure to follow these instructions may cause the batteries to swell or explode.

## 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, or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

**SAVE THESE INSTRUCTIONS**

## For best performance

### Base unit location/avoiding noise

The base unit and other compatible Panasonic units use radio waves to communicate with each other.

- For maximum coverage and noise-free communications, place your base unit:
  - at a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.
  - away from electronic appliances such as TVs, radios, personal computers, wireless devices, or other phones.
  - facing away from radio frequency transmitters, such as external antennas of mobile phone cell stations. (Avoid putting the base unit on a bay window or near a window.)
- Coverage and voice quality depends on the local environmental conditions.
- If the reception for a base unit location is not satisfactory, move the base unit to another location for better reception.

### Environment

- Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.
- The product should be kept free from excessive smoke, dust, high temperature, and vibration.
- The product should not be exposed to direct sunlight.
- Do not place heavy objects on top of the product.
- When you leave the product unused for a long period of time, unplug the product from the power outlet.
- The product should be kept away from heat sources such as radiators, cookers, etc. It should not be placed in rooms where the temperature is less than 0 °C or greater than 40 °C. Damp basements should also be avoided.
- The maximum calling distance may be shortened when the product is used in the following places: Near obstacles such as hills, tunnels, underground, near metal objects such as wire fences, etc.

### Important Information

- Operating the product near electrical appliances may cause interference. Move away from the electrical appliances.

#### Routine care

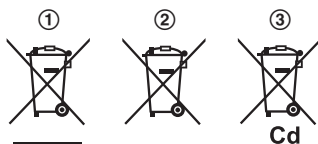
- **Wipe the outer surface of the product with a soft moist cloth.**
- Do not use benzine, thinner, or any abrasive powder.

### Other information

#### Notice for product disposal, transfer, or return

- This product can store your private/confidential information. To protect your privacy/confidentiality, we recommend that you erase information such as phonebook or caller list entries 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.

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

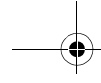
This symbol (②) might be used in combination with a chemical symbol (③). In this case it complies with the requirement set by the Directive for the chemical involved.

#### Trademarks

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Panasonic Corporation is under licence. All other trademarks identified herein are the property of their respective owners.

### Specifications

- **Standard:**  
DECT (Digital Enhanced Cordless Telecommunications),  
GAP (Generic Access Profile),  
Bluetooth wireless technology 2.0
- **Frequency range:**  
1.88 GHz to 1.90 GHz (DECT)  
2.402 GHz to 2.48 GHz (Bluetooth)
- **RF transmission power:**  
Approx. 10 mW (average power per channel)
- **Power source:**  
220–240 V AC, 50/60 Hz



### **Important Information**

■ **Power consumption:**

**Base unit:**

Standby: Approx. 0.4 W

Maximum: Approx. 0.8 W

**Charger:**

Standby: Approx. 0.1 W

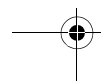
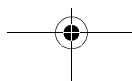
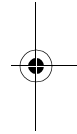
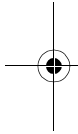
Maximum: Approx. 1.8 W

■ **Operating conditions:**

0 °C–40 °C, 20 %–80 % relative air humidity (dry)

**Note:**

- Design and specifications are subject to change without notice.
- The illustrations in these instructions may vary slightly from the actual product.





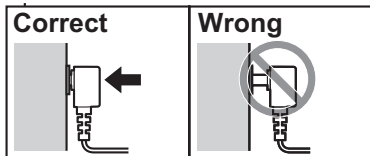
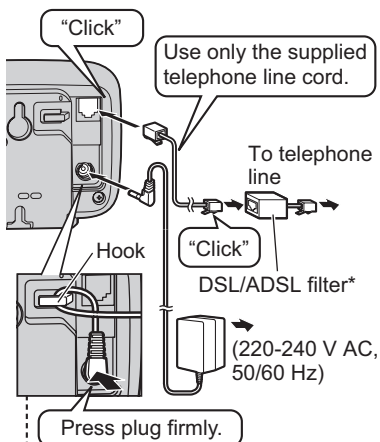
**Getting Started**

**Setting up**

**Connections**

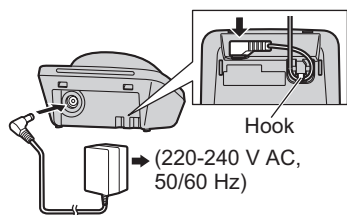
- Use only the supplied Panasonic AC adaptor PNLV226CE.

■ **Base unit**



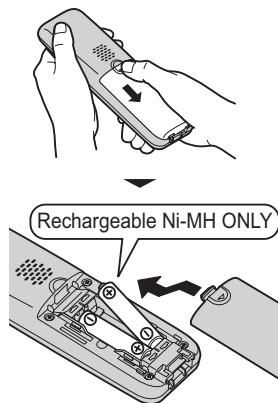
\*DSL/ADSL filter (not supplied) is required if you have DSL/ADSL service.

■ **Charger**



**Battery installation**

- USE ONLY Ni-MH batteries AAA (R03) size.
- Do NOT use Alkaline/Manganese/Ni-Cd batteries.
- Confirm correct polarities (+, -).



- When the language selection is displayed, see page 14.

**Battery charging**

Charge for about 7 hours.

- When the batteries are fully charged, the charge indicator goes off and "Fully charged" is displayed.

Confirm "Charging" is displayed.

Charge indicator



## Getting Started

### Note when setting up

#### Note for connections

- 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.

#### During a power failure

The unit will not work during a power failure. We recommend connecting a corded-type telephone (without AC adaptor) to the same telephone line or to the same telephone line jack, if you have such a telephone jack in your house.

#### Note for battery installation

- Use the supplied rechargeable batteries. For replacement, we recommend using the Panasonic rechargeable batteries noted on page 3, 6.
- Wipe the battery ends (⊕, ⊖) with a dry cloth.
- Avoid touching the battery ends (⊕, ⊖) or the unit contacts.

#### Note for battery charging

- It is normal for the handset to feel warm during charging.
- Clean the charge contacts of the handset 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

Icon	Battery level
	High
	Medium
	Low
	Needs charging.

#### Panasonic Ni-MH battery performance (supplied batteries)

Operation	Operating time
In continuous use	12 hours max.
Not in use (standby)	250 hours max.

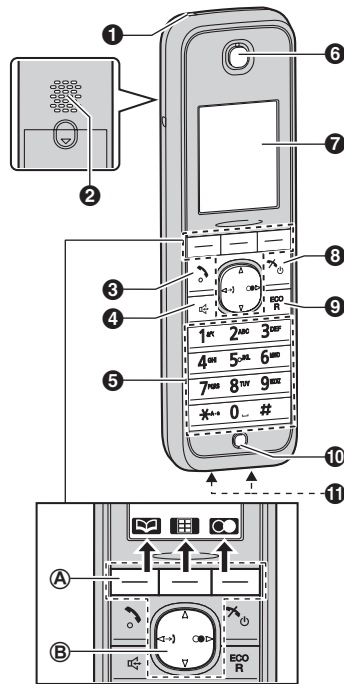
#### Note:

- 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 usage and ambient environment.
- Even after the batteries are fully charged, the handset can be left on the charger without any ill effect on the batteries.
- The battery level may not be displayed correctly after you replace the batteries. In this case, place the handset on the charger and let it charge for at least 7 hours.

**Getting Started**

**Controls**

**Handset**



- 1 Charge indicator  
Ringer indicator
- 2 Speaker
- 3 [↶] (Talk)
- 4 [☎] (Speakerphone)
- 5 Dial keypad
- 6 Receiver
- 7 Display
- 8 [⏻] (Off/Power)
- 9 [ECO/R]  
ECO: Eco mode shortcut key  
R: Recall/Flash
- 10 Microphone
- 11 Charge contacts

■ **Control type**

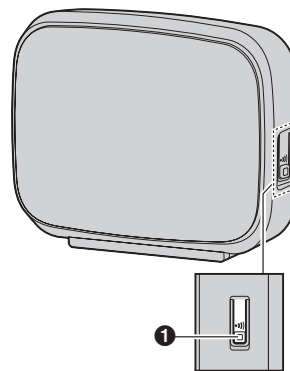
Ⓐ **Soft keys**

The handset features 3 soft keys. By pressing a soft key, you can select the feature shown directly above it on the display.

Ⓑ **Navigator key**

- [▲], [▼], [←], or [→]: Scroll through various lists and items.
- [▲] or [▼]: Adjust the receiver or speaker volume while talking.
- [←] (↶): Caller list: View the caller list.
- [→] (↷): Redial: View the redial list.
- As all multiple items cannot be displayed on screen at the same time, you can quickly search the desired item to move screens by pressing [→] or [←], instead of scrolling down or up line by line (page 15).

**Base unit**



- 1 [📍] (Locator)

## Getting Started

### Display

#### Handset display items

Item	Meaning
	Range status: The more bars visible, the closer the handset is to the base unit.
	Out of base unit range
	Paging, intercom mode
	Speakerphone is on. (page 16)
	The line is in use. <ul style="list-style-type: none"> <li>When flashing slowly: The call is put on hold.</li> <li>When flashing rapidly: An incoming call is now being received.</li> </ul>
	Missed call* <sup>1</sup> (page 37)
	The base unit transmission power is set to "Low". (page 15)
	The key backlight is off. (page 26)
	Battery level
	Alarm is on. (page 28)
	Equalizer is set. (page 18)
	Privacy mode is on. (page 26)
	Ringer volume is off. (page 25)
	Night mode is on. (page 29)
	Blocked call* <sup>1</sup> (page 29, 38)
	New SMS message received.* <sup>2</sup> (page 41)

Item	Meaning
	New voice mail message received.* <sup>3</sup> (page 43)
	Bluetooth is activated. Ready to make/receive calls on a Bluetooth headset. (page 48)
	Making/Answering calls on Bluetooth headset. (page 48)
	Baby monitor is activated. The name/number displayed next to the icon indicates the monitoring unit. (page 32)
<b>Line in use</b>	Someone is using the line.

\*1 Caller ID subscribers only

\*2 SMS users only

\*3 Voice mail subscribers only

#### Handset soft key icons

Icon	Action
	Returns to the previous screen or outside call.
	Displays the menu.
	Accepts the current selection.
	Displays a previously dialed phone number.
	Makes a call. (page 16)
	Temporarily turns off the ringer for incoming calls. (page 17)
	Sets 24-hour or 12-hour clock format. (page 14)
	Switches the wallpaper to display with or without date and time. (page 27)

## Getting Started

Icon	Action
	Places a call on hold.
	Opens the phonebook.
	Allows you to edit phone numbers. (page 30, 38)
	Adds new entry. (page 19, 22, 30)
	Displays the phonebook search menu.
	Turns the key lock feature off. (page 18)
	Stops alarm or schedule alarm. (page 28, 32)
	Snooze button on the alarm. (page 28)
	Selects a character entry mode.
	Selects entries, categories, or handsets. (page 21)
	Stores phone numbers. (page 30, 38)
	Inserts a dialling pause.
	Erases the selected item or returns to the outside call.
	Switches display mode between single item and multiple items. (page 15)
	Displays the detailed schedule.
	Displays the schedule list.
	Allows you to make an intercom call. (page 44)
	Erases a number/character.
	Puts the call on mute.

### Handset main menu icons

The following icons are shown when you press down on the middle soft key in standby mode.

Icon	Feature
	Caller List
	Ringer Setup
	SMS (Short Message Service)
	Intercom
	Time Settings
	Bluetooth
	Baby Monitor
	Initial Setup
	Calendar

### Screen saver mode

The backlight goes dark when on a call or turns off completely after 1 minute of inactivity if the handset is not on the charger.

Activate the handset display again by:

- pressing [**←**] or [**→**] when on a call.
- pressing [**⏻**] at all other times.

### Turning the power on/off

#### Power on

Press [**⏻**] for about 1 second.

#### Power off

Press [**⏻**] for about 2 seconds.

## Getting Started

### Initial settings

#### ■ Direct command code:

Programmable settings can be accessed by pressing **[M]** (middle soft key), **[#]** and then the corresponding code on the dial keypad (page 23).

**Example:** Press **[M]** (middle soft key) **[#101]**.

#### ■ Symbol meaning:

**Example:** **[↕]**: "off"

Press **[▼]** or **[▲]** to select the words in quotations.

#### Important:

- When you install the batteries for the first time, the handset may prompt you to set display language and region setting.
  - ① Perform step 2 in "Display language", page 14, and then press **[OK]**.
  - ② Continue from step 2 in "Changing the unit's region setting/Resetting the base unit", page 31.

### Display language

16 display languages are available.

You can select "Deutsch", "English", "Magyar", "Polski", "Slovenčina", "Čeština", "Hrvatski", "Slovenščina", "Eesti", "Lietuviškai", "Latviešu", "Română", "Български", "Srpski", "Македонски", or "Shqip".

- 1 **[M]** (middle soft key) **[#110]**
- 2 **[↕]**: Select your desired language.  
→ **[OK]**
- 3 **[↵]**

### Date and time

- 1 **[M]** (middle soft key) **[#101]**
- 2 Enter the current date, month, and year. → **[OK]**  
**Example:** 15 July, 2011  
**[15 07 11]**
  - You can select the date format by pressing **[#]**:
    - dd/mm/yy (date/month/year)
    - yy/mm/dd
- 3 Enter the current hour and minute.  
**Example:** 9:30  
**[09 30]**
  - You can select 24-hour or 12-hour clock format ("AM" or "PM") by pressing **[12/24]**.
- 4 **[OK]** → **[↵]**

#### Note:

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

### Dialling mode

If you cannot make calls, change this setting according to your telephone line service. The default setting is "Tone".  
"Tone": For tone dial service.  
"Pulse": For rotary/pulse dial service.

- 1 **[M]** (middle soft key) **[#120]**
- 2 **[↕]**: Select the desired setting.
- 3 **[OK]** → **[↵]**

### One touch eco mode

The **[ECO/R]** button on the handset enables you to activate the eco function with one touch.  
By activating eco mode, your unit can reduce the base unit transmission power by up to 90% in standby mode.

## Getting Started

You can turn on/off one touch eco mode by just pressing **[ECO/R]**. The default setting is "Normal".

- When the one touch eco mode is on: "Low" is temporarily displayed and **[ECO]** is shown on the handset display instead of **[Y]**.
- When the one touch eco mode is off: "Normal" is temporarily displayed and **[ECO]** goes off from the handset display.

### Note:

- When there is another cordless phone nearby and it is in use, the base unit transmission power may not be reduced.
- Activating one touch eco mode reduces the range of the base unit in standby mode.
- If you set the repeater mode to "On" (page 36):
  - One touch eco mode is cancelled.
  - "Eco Setup" is not shown in the display menu (page 25).

## Display mode

You can select to display either a single item or multiple items on one screen at a time for the following features:

- handset main menu icons in function menu
- menu list, phonebook list, caller list, and redial list

Select the desired setting:

- "Multi Items": Multiple entries/all menu icons are shown on one screen at a time.
- "Single Item": An entry/a menu icon is shown on one screen in large characters at a time.

The default setting is "Multi Items".

## Using soft key (Temporarily switching the display mode)

You can temporarily switch the display mode by pressing **[F2]** shown when viewing the lists or selecting menu icons.

## Programming the display mode beforehand

- 1 **[F2]** (middle soft key) **[#]** **[1]** **[9]** **[2]**
- 2 **[↑]**: Select the desired setting. → **[OK]** → **[\*]** **[0]**

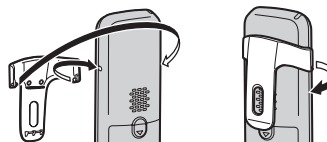
### Note:

- When in multiple items display mode, you can move screens by pressing **[▶]** or **[◀]**, without scrolling down or up through the list:
  - Press **[▶]** to go to the next screen.
  - Press **[◀]** to return to the previous screen.
- When in multiple items display mode, you can switch the screen to confirm the detailed information by pressing **[F2]**.

## Belt clip

■ To attach

■ To remove



## Making/Answering Calls

### Making calls

- 1 Lift the handset and dial the phone number.
  - To correct a digit, press **C**.
- 2 Press **[↶]** or **[↷]**.
- 3 When you finish talking, press **[⏏]** or place the handset on the charger.

### Using the speakerphone

- 1 Dial the phone number and press **[☎]**.
  - Speak alternately with the other party.
- 2 When you finish talking, press **[⏏]**.

#### Note:

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

### Adjusting the receiver or speaker volume

Press **[▲]** or **[▼]** repeatedly while talking.

### Making a call using the redial list

The last 10 phone numbers dialed are stored in the redial list (each 24 digits max.).

- 1 **[☎]** (right soft key) or **[▶]** (**☎**)
- 2 **[↕]**: Select the desired phone number.
- 3 **[↶]**/**[☎]**
  - If **[☎]** is pressed and the other party's line is engaged, the unit automatically redials multiple times. While the handset is waiting to redial, the ringer

indicator flashes. To cancel, press **[⏏]**.

### Erasing a number in the redial list

- 1 **[☎]** (right soft key) or **[▶]** (**☎**)
- 2 **[↕]**: Select the desired phone number. → **X**
- 3 **[↕]**: "Yes" → **OK** → **[⏏]**

### Pause (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service. When storing a calling card access number and/or PIN in the phonebook, a pause is also needed (page 21).

**Example:** If you need to dial the line access number "0" when making outside calls with a PBX:

- 1 **[0]** → **P**
- 2 Dial the phone number. → **[↶]**

#### Note:

- A 3 second pause is inserted each time **P** is pressed. Repeat as needed to create longer pauses.

### Answering calls

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

- 1 Lift the handset and press **[↶]** or **[☎]** when the unit rings.
  - You can also answer the call by pressing any dial key from **[0]** to **[9]**, **[\*]**, or **[#]**. (**Any key answer feature**)
- 2 When you finish talking, press **[⏏]** or place the handset on the charger.



## Making/Answering Calls

### Auto talk

You can answer calls simply by lifting the handset off the charger. You do not need to press [↶]. To turn this feature on, see page 26.

### Adjusting the handset ringer volume

#### ■ While the handset is ringing for an incoming call:

Press [▲] or [▼] repeatedly to select the desired volume.

#### ■ Programming the volume beforehand:

- 1 [⏏] (middle soft key) [#] [1] [6] [0]
- 2 [↕]: Select the desired volume.
- 3 [OK] → [↶]

### Temporary handset ringer off

While the handset is ringing for a call, you can turn the ringer off temporarily by pressing [⏏].

## Useful features during a call

### Hold

This feature allows you to put an outside call on hold.

- 1 Press [⏏] during an outside call.
- 2 [↕]: "Hold" → [OK]
- 3 To release hold, press [↶].
  - Another handset user can take the call by pressing [↶].

#### Note:

- If a call is kept on hold for more than 9 minutes, an alarm tone starts to sound and the ringer indicator flashes rapidly. After 1 additional minute on hold, the call is disconnected.

- If another phone is connected to the same line, you can also take the call by lifting its handset.

### Mute

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

- 1 Press [⏏] during conversation.
  - [⏏] flashes.
- 2 To return to the conversation, press [⏏] again.

### Recall/flash

[ECO/R] allows you to use the special features of your host PBX such as transferring an extension call, or accessing optional telephone services.

#### Note:

- To change the recall/flash time, see page 26.

### For call waiting or Call Waiting Caller ID service users

To use call waiting or Call Waiting Caller ID, you must first subscribe with your service provider/telephone company. This feature allows you to receive calls while you are already talking on the phone. If you receive a call while on the phone, you will hear a call waiting tone. **If you subscribe to both Caller ID and Call Waiting with Caller ID services,** the 2nd caller's information is displayed after you hear the call waiting tone on the handset.

- 1 Press [ECO/R] to answer the 2nd call.
- 2 To switch between calls, press [ECO/R].

## Making/Answering Calls

### Note:

- Please contact your service provider/telephone company for details and availability of this service in your area.

### Temporary tone dialling (for rotary/pulse service users)

You can temporarily switch the dialling mode to tone when you need to access touch-tone services (for example, answering services, telephone banking services, etc.).

Press **[\*]** before entering access numbers which require tone dialling.

### Handset 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.

- 1 Press **[F5]** while talking.
- 2 **[↕]**: "Equalizer" → **OK**
- 3 **[↕]**: Select the desired setting.
- 4 Press **OK** to exit.

### Note:

- When this feature is turned on, **[F5]** is displayed while talking.
- Depending on the condition and quality of your telephone line, this feature may emphasise existing line noise. If it becomes difficult to hear, turn this feature off.
- This feature is not available while using the speakerphone.

### Call share

You can join an existing outside call. To join the conversation, press **[F6]** when the other handset is on an outside call.

### Note:

- To prevent other users from joining your conversations with outside callers, turn the privacy mode on (page 26).

## 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 **[F5]** for about 3 seconds.

- **[F5]** is displayed.
- To turn key lock off, press **[F5]** for about 3 seconds.

### Note:

- Calls to emergency numbers cannot be made until key lock is turned off.




## Handset phonebook

The phonebook allows you to make calls without having to dial manually. You can add 500 names and phone numbers, and assign each 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: 500 entries
- 1 name + 2 phone numbers: 250 entries
- 1 name + 3 phone numbers: 166 entries

### Adding entries




- 1  (left soft key) → 
- 2 [↕]: “(Name)” → **OK**
- 3 Enter the party's name (16 characters max.). → **OK**
  - You can change the character entry mode by pressing **1/A/?** (page 50).
- 4 [↕]: “(Phone No. 1)” → **OK**
  - You can store up to 3 phone numbers for each entry.
- 5 Enter the party's phone number (24 digits max.). → **OK**
- 6 [↕]: “Category 1” → **OK**
- 7 [↕]: Select the desired category. → **OK**
- 8 [↕]: “<Save>” → **OK**
  - To add other entries, repeat from step 2.
- 9 

### Categories

Categories can help you find entries in the phonebook quickly and easily. When adding an entry to the phonebook, you can assign it to one of 9 categories. You




can change the names of categories assigned for phonebook entries (“Friends”, “Family”, etc.) and then search for phonebook entries by category. The category ringer tone feature is available for Caller ID subscribers (page 37).

### Changing category names



- 1  (left soft key) → 
- 2 [↕]: “Category” → **OK**
- 3 [↕]: Select the desired category. → **OK**
- 4 [↕]: “Category Name” → **OK**
- 5 Edit the name (10 characters max.; page 50). → **OK** → 

### Finding and calling from a phonebook entry

#### Scrolling through all entries

- 1  (left soft key)
- 2 [↕]: Select the desired entry. → 
  - You can scroll through the phonebook entry by pressing and holding **[▼]** or **[▲]**.
- 3 [↕]: Select the desired phone number. → 

#### Searching by first character

- 1  (left soft key)
  - Change the character entry mode if necessary:
    -  → [↕]: “Character Set” → **OK** → [↕]: Select the character entry mode. → **OK**
- 2 Press the dial key (**[0]** to **[9]**, or **[#]**) which contains the character you are searching for (page 50).
  - Press the same dial key repeatedly to display the first

## Phonebook

entry corresponding to each character located on that dial key.

- If there is no entry corresponding to the character you selected, the next entry is displayed.

- 3 [↕]: Scroll through the phonebook if necessary. → [↶]
- 4 [↕]: Select the desired phone number. → [↶]

### Searching by query

You can narrow down the search to enter the first characters of a name.

- 1 [📖] (left soft key) → [✕]
- 2 To search for the name, enter the first characters (up to 4) in uppercase (page 50). → **OK**
  - Characters cannot be entered in lowercase.
  - If there is no entry corresponding to the characters you selected, the next entry is displayed.
- 3 [↕]: Scroll through the phonebook if necessary. → [↶]
- 4 [↕]: Select the desired phone number. → [↶]

### Searching by category

- 1 [📖] (left soft key) → [🔍]
- 2 [↕]: "Category" → **OK**
- 3 [↕]: Select the desired category. → **OK**
  - If you select "All", the unit ends the category search.
- 4 [↕]: Scroll through the phonebook if necessary. → [↶]
- 5 [↕]: Select the desired phone number. → [↶]

### Editing entries

- 1 Find the desired entry (page 19). → [📖]

- 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 entries

#### Erasing an entry

- 1 Find the desired entry (page 19).
- 2 [✕] → [↕]: "Yes" → **OK** → [🔍]

#### Erasing all entries

- 1 [📖] (left soft key) → [📖]
- 2 [↕]: "Erase All" → **OK**
- 3 [↕]: "Yes" → **OK**
- 4 [↕]: "Yes" → **OK** → [🔍]

### Chain dial

This feature allows you to dial phone numbers in the 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 phonebook, without having to dial manually.

- 1 During an outside call, press [📖].
- 2 [↕]: "Phonebook" → **OK**
- 3 [↕]: Select the desired entry. → [📖]
- 4 [↕]: Select the desired phone number.
- 5 Press [📞] to dial the number.

**Phonebook****Note:**

- When storing a calling card access number and your PIN in the phonebook as one phonebook entry, press **P** to add pauses after the number and PIN as necessary (page 16).
- If you have rotary/pulse service, you need to press **X** before pressing **☰** in step 1 to change the dialling mode temporarily to tone. When adding entries to the phonebook, we recommend adding **X** to the beginning of phone numbers you wish to chain dial (page 19).

**Copying phonebook entries**

You can copy phonebook entries between 2 handsets.\*1

\*1 Panasonic compatible handset

**Note:**

- Category settings for phonebook entries are not copied.

**Copying multi entries**

You can copy selected entries (up to 100).

- 1 **☰** (left soft key) → **☰**
- 2 **↕**: "Copy" → **OK**
- 3 **↕**: Select the desired entry. → **☑**
  - The selected entries are indicated by "✓".
  - To continue copying other entries, perform this step repeatedly.
  - To cancel an entry, press **▼** or **▲** to select the entry, then press **☑**.

- You can also search for another entry by entering the first character (page 19).

- 4 After selecting entries, press **OK**.
- 5 Enter the handset number you want to copy to.
  - When the entries have been copied, "Completed" is displayed.
- 6 **☰**

**Copying all entries**

- 1 **☰** (left soft key) → **☰**
- 2 **↕**: "Copy All" → **OK**
- 3 **↕**: Select the handset you want to send the phonebook entry to. → **OK**
  - When all entries have been copied, "Completed" is displayed.
- 4 **☰**

## Speed Dial

### Speed dial

You can assign 1 phone number to each of the dial keys (1 to 9) on the handset.

#### Adding a phone numbers to a speed dial key

- 1 Press and hold the desired speed dial key (1 to 9). →
- 2 Enter the party's name (16 characters max.). → **OK**
  - You can change the character entry mode by pressing **1/A/?** (page 50).
- 3 Enter the party's phone number (24 digits max.). → **OK** 2 times

#### Assigning a phonebook entry to a speed dial key

- 1 Find the desired entry (page 19). →
- 2 **[↕]**: "Speed Dial" → **OK**
- 3 **[↕]**: Select the desired phone number. → **OK**
- 4 **[↕]**: Select the desired dial key number. → **OK**
  - Where a dial key is already being used for speed dialling, "✓" is displayed next to the dial key number. If you select this dial key, "Overwrite" is displayed. To overwrite with the currently selected phone number, go to step 5.
- 5 **OK** → **[↵]**

#### Note:

- If you edit a phonebook entry which is assigned to a speed dial key, the

edited entry does not transfer to the speed dial key.

#### Editing an entry

- 1 Press and hold the desired speed dial key (1 to 9).
  - You can view other speed dial assignments by pressing **[▼]** or **[▲]**.
- 2 → **[↕]**: "Edit" → **OK**
- 3 Edit the name if necessary (16 characters max.; page 50). → **OK**
- 4 Edit the phone number if necessary (24 digits max.). → **OK** 2 times

#### Erasing an entry

- 1 Press and hold the desired speed dial key (1 to 9).
- 2 → **[↕]**: "Erase" → **OK**
- 3 **[↕]**: "Yes" → **OK**
- 4 **[↵]**

#### Viewing speed dial key assignments

You can see the speed dial key assignments on the handset display. Press and hold the desired speed dial key (1 to 9).


#### Making a call using a speed dial key

- 1 Press and hold the desired speed dial key (1 to 9).
- 2 **[↵]**



## Programmable settings

You can customise the unit by programming the following features using the handset. To access the features, there are 2 methods.


### ■ Scrolling through the display menus

- 1  (middle soft key)
- 2 Press [**▼**], [**▲**], [**▶**], or [**◀**] to select the desired main menu. → **OK**
- 3 Press [**▼**] or [**▲**] to select the desired item from the next sub-menus. → **OK**
- 4 Press [**▼**] or [**▲**] to select the desired setting. → **OK**
  - This step may vary depending on the feature being programmed.
  - To exit the operation, press [**⏏**].


### ■ Using the direct command code


- 1  (middle soft key) → Enter the desired code.  
**Example:** Press  (middle soft key) **#101**.
- 2 Select the desired setting. → **OK**
  - This step may vary depending on the feature being programmed.
  - To exit the operation, press [**⏏**].


#### Note:


- In the following table, < > indicates the default settings.
- In the following table,  indicates the reference page number.
- Display menu order and sub-menu may vary depending on your model.

### Display the menu tree and direct command code table

Main menu:  "Caller List"

Operation	Code	
Viewing the caller list.	<b>#213</b>	38

Main menu:  "Ringer Setup"

Sub-menu 1	Sub-menu 2	Settings	Code	
Ringer Volume <sup>*1</sup>	–	<b>0–6:</b> Off–6 <6>	<b>#160</b>	17
Ringtone <sup>*2, *3</sup>	–	<Ringtone 1>	<b>#161</b>	–
Night Mode	On/Off	<b>1:</b> On <b>0:</b> <Off>	<b>#238</b>	29
	Start/End	<23:00/06:00>	<b>#237</b>	29
	Ring Delay	<b>1:</b> 30 sec. <b>2:</b> <60 sec.> <b>3:</b> 90 sec. <b>4:</b> 120 sec. <b>0:</b> No Ringing	<b>#239</b>	29

### Programming

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Night Mode	Select Category	1-9: Category 1-9	#241	29

Main menu: ☒ "SMS"

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Receive List	-	-	#350	41
Send List	-	-		40
Create	-	-		40
Settings	Message Centre1 <sup>*4, *5</sup>	-	#351	39
	Message Centre2 <sup>*4, *5</sup>	-	#352	39
	PBX Access # <sup>*4</sup>	<Off>	#356	42
	SMS On/Off <sup>*4, *6</sup>	<Off>	#357	39

Main menu: ☎) "Intercom"

Operation	Code	☞
Paging the desired unit.	#274	44

Main menu: ⌚ "Time Settings"

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Set Date/Time <sup>*4</sup>	-	-	#101	14
Memo Alarm	1-5: Alarm1-5	1: Once 2: Daily 3: Weekly 0: <Off>	#720	28
Time Adjustment <sup>*4, *7</sup>	-	1: Caller ID 0: <Manual>	#226	-

Main menu: 📶 "Bluetooth"

Sub-menu 1	Sub-menu 2	Settings	Code	☞
On/Off	-	1: On 0: <Off>	#613	46
Import Phonebook <sup>*8</sup>	Mobile Phone <sup>*9</sup>	-	#618	46
	Other Device/ Change Device	-		46
Headset <sup>*8</sup>	Add new device <sup>*9</sup>	-	#621	48
	Connect/ Disconnect	-	#622	48
	Register	-	#621	48
	Cancel Register <sup>*10</sup>	-	#134	48



**Programming**

Sub-menu 1	Sub-menu 2	Settings	Code	
Set PIN <sup>*8</sup>	–	<0000>	#619	47


Main menu: ☺ “Baby Monitor”

Sub-menu 1	Sub-menu 2	Settings	Code	
On/Off	–	1: On 0: <Off>	#268	33
Sensitivity Level	–	<Middle>	#269	34


Main menu: ↘ “Initial Setup”

Sub-menu 1	Sub-menu 2	Settings	Code	
Ringer Setup	Ringer Volume <sup>*1</sup>	0–6: Off–6 <6>	#160	17
	Ringtone <sup>*2, *3</sup>	<Ringtone 1>	#161	–
	Night Mode – On/Off	1: On 0: <Off>	#238	29
	Night Mode – Start/End	<23:00/06:00>	#237	29
	Night Mode – Ring Delay	1: 30 sec. 2: <60 sec.> 3: 90 sec. 4: 120 sec. 0: No Ringing	#239	29
	Night Mode – Select Category	1–9: Category 1–9	#241	29
Time Settings	Set Date/Time <sup>*4</sup>	–	#101	14
	Memo Alarm	1–5: Alarm1–5	#720	28
	Time Adjustment <sup>*4, *7</sup>	1: Caller ID 0: <Manual>	#226	–
Handset Name	–	–	#104	29
Caller Barred <sup>*4</sup>	–	–	#217	29
Eco Setup	Transmission Power <sup>*4</sup>	1: <Normal> 2: Low	#725	14
Display Setup	Wallpaper <sup>*11</sup>	<Wallpaper1>	#181	–
	Display Colour	1: <Colour1> 2: Colour2	#182	–
	Display Mode	1: <Multi Items> 0: Single Item	#192	15


### Programming

Sub-menu 1	Sub-menu 2	Settings	Code	
Display Setup	Key Backlight	1: <On> 0: Off	#276	-
	LCD in charging <sup>*12</sup> (LCD backlight)	1: <On> 0: Off	#191	-
	Contrast (Display contrast)	1-6: Contrast 1-6 <Contrast 3>	#145	-
Auto Intercom	-	1: On 0: <Off>	#273	44
Keytones <sup>*13</sup>	-	1: <On> 0: Off	#165	-
Call Restrict <sup>*4</sup>	-	-	#256	30
Auto Talk <sup>*14</sup>	-	1: On 0: <Off>	#200	17
Line Setup	Dial Mode <sup>*4</sup>	1: Pulse 2: <Tone>	#120	14
	Recall/Flash <sup>*4, *15, *16</sup>	0: 900 msec. 1: 700 msec. 2: <600 msec.> 3: 400 msec. 4: 300 msec. 5: 250 msec. *: 200 msec. #: 160 msec. 6: 110 msec. 7: 100 msec. 8: 90 msec. 9: 80 msec.	#121	17
Privacy Mode <sup>*4, *17</sup>	-	1: On 0: <Off>	#194	-
Base Unit PIN <sup>*4</sup>	-	<0000>	#132	30
Repeater Mode <sup>*4</sup>	-	1: On 0: <Off>	#138	36
Register	Register H.set	-	#130	35
	Cancel Register <sup>*10</sup>	-	#131	35
Country <sup>*4</sup>	-	1: <Other> 2: Česká rep. 3: Slovensko	#136	31
Select Base	-	<Auto>	#137	35
Cancel Base <sup>*10</sup>	-	-	#139	36
Language	Display	<English>	#110	14

Main menu:  "Calendar"

Operation	Code	
Viewing the calendar and setting the schedule alarm.	#727	31

## ***Programming***

- \*1 Ringer volume cannot be turned off for alarm, intercom calls, and paging.
- \*2 If you select one of the melody ringer tones, the ringer tone continues to play for several seconds even if the caller has already hung up. You may either hear a dial tone or no one on the line when you answer the call.
- \*3 The preset melodies in this product are used with permission of ©2011 Copyrights Vision Inc.
- \*4 If you program these settings using one of the handsets, you do not need to program the same item using another handset.
- \*5 If you select the unit's region setting (page 31) to "Česká rep." or "Slovensko", the default setting will be changed for the selected country.
- \*6 If you select the unit's region setting (page 31) to "Česká rep." or "Slovensko", the default setting is "On".
- \*7 This feature allows the unit to automatically adjust the date and time each time caller information including date and time is received.  
To turn this feature on, select "Caller ID". To turn this feature off, select "Manual". (Caller ID subscribers only)  
To use this feature, set the date and time first (page 14).
- \*8 When Bluetooth mode is off, these menus are not displayed.
- \*9 After the Bluetooth device is registered, the device name is displayed.
- \*10 This menu is not displayed when scrolling through the display menus. It is only available in direct command code.
- \*11 You can set the wallpaper to display with or without date and time by pressing . The default setting is with date and time displayed.
- \*12 You can set the handset display backlight while on charge.
  - "On": Backlight is on (dimmed).
  - "Off": Backlight turns off after 10 seconds of charging.
- \*13 Turn this feature off if you prefer not to hear key tones while you are dialling or pressing any keys, including confirmation tones and error tones.
- \*14 If you subscribe to a Caller ID service and want to view the caller's information after lifting up the handset to answer a call, turn off this feature.
- \*15 The recall/flash time depends on your telephone exchange or host PBX. Contact your PBX supplier if necessary.
- \*16 The default setting will be as follows if you select the following regional codes when changing the unit's region setting (page 31):
  - "Česká rep." = "100 msec."
  - "Slovensko" = "100 msec."
- \*17 To prevent other users from joining your conversations with outside callers, turn this feature on.

## Programming

### Special programming

#### Alarm

An alarm sounds at the set time for 1 minute and is repeated 5 times at 5 minute intervals (snooze function). A total of 5 separate alarm times can be programmed for each handset. You can set one of 3 different alarm options (once, daily, or weekly) for each alarm time.

#### Important:

- Set the date and time beforehand (page 14).

- 1 (middle soft key)
- 2 Select an alarm by pressing to . → **OK**
- 3 : Select the desired alarm option. → **OK**

<p><b>"Off"</b> Turns alarm off. Go to step 9.</p>
<p><b>"Once"</b> An alarm sounds once at the set time.</p>
<p><b>"Daily"</b> An alarm sounds daily at the set time. Go to step 5.</p>
<p><b>"Weekly"</b> Alarm sounds weekly at the set time(s).</p>

- 4 Proceed with the operation according to your selection in step 3.
  - **Once:**  
Enter the desired date and month. → **OK**
  - **Weekly:**  
: Select the desired day of the week and press . → **OK**
- 5 Set the desired time. → **OK**

- 6 Enter a text memo (30 characters max.; page 50). → **OK**
- 7 : Select the desired alarm tone. → **OK**
  - We recommend selecting a different ringer tone from the one used for outside calls.
- 8 : Select the desired snooze setting. → **OK**
- 9 **OK** →
  - When the alarm is set, is displayed.

#### Note:

- Press to stop the alarm completely.
- When the handset is in use, the alarm will not sound until the handset is in standby mode.
- Press any dial key, or to stop the sound but keep the snooze function activated.
- If you want to make an outside call when the snooze function is activated, please stop the snooze function before making the call.

### Night mode

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

Using the phonebook's category feature (page 19), you can also select categories of callers whose calls override night mode and ring the handset (Caller ID subscribers only).


#### Important:

- Set the date and time beforehand (page 14).

## Programming

- If you have set the alarm, the alarm sounds even if the night mode is turned on.

### Turning night mode on/off

- 1 **[MFK]** (middle soft key) **# 2 3 8**
- 2 **[↕]**: Select the desired setting. → **OK**
  - If you select “off”, press **[MFK]** to exit.
- 3 Enter the desired hour and minute you wish to start this feature. → **OK**
  - You can select 24-hour or 12-hour clock format (“AM” or “PM”) by pressing **12/24**.
- 4 Enter the desired hour and minute you wish to end this feature. → **OK**
- 5 **[MFK]**
  - When the night mode is set,  is displayed.

### Changing the start and end time

- 1 **[MFK]** (middle soft key) **# 2 3 7**
- 2 Continue from step 3, “Turning night mode on/off”, page 29.

### Setting the ring delay

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 rings. If you select “No Ringing”, the handset never rings during night mode.

- 1 **[MFK]** (middle soft key) **# 2 3 9**
- 2 **[↕]**: Select the desired setting. → **OK** → **[MFK]**

### Selecting categories to bypass night mode

- 1 **[MFK]** (middle soft key) **# 2 4 1**

- 2 Select your desired categories by pressing **1** to **9**.

- “√” is displayed next to the selected category numbers.
- To cancel a selected category, press the same dial key again. “√” disappears.

- 3 **OK** → **[MFK]**

### Changing the handset name

Each handset can be given a customised name (“Bob”, “Kitchen”, etc.). This is useful when you make intercom calls between handsets. You can also select whether or not the handset name is displayed in standby mode. The default setting is “No”. If you select “yes” without entering any handset name, “Handset 1” to “Handset 6” is displayed.

- 1 **[MFK]** (middle soft key) **# 1 0 4**
- 2 Enter the desired name (max. 10 characters; page 50).
  - If not required, go to step 3.
- 3 **OK**
- 4 **[↕]**: Select the desired setting. → **OK** 2 times
- 5 **[MFK]**


### Incoming call barring (Caller ID subscribers only)

This feature allows the unit to reject calls from specified phone numbers that you do not want to answer such as junk calls. When a call is received, the unit does not ring while the caller is being identified. If the phone number matches an entry in the call barred list, the unit sends out a busy tone to the caller, and then disconnects the call.

#### Important:

- When the unit receives a call from a number that is stored in the call barred

## Programming

list, the call is logged in the caller list (page 38) with  after the call is disconnected.








### Storing unwanted callers

You can store up to 30 phone numbers in the call barred list.





#### Important:

- You must store the phone number with an area code in the call barred list.










#### ■ From the caller list:

-  ()
- : Select the entry to be barred.  
→ **OK** → 
- : "Caller Barred" → **OK**
- : "Yes" → **OK** → 

#### ■ By entering phone numbers:

-  (middle soft key)  **2 1 7**  
→ 
- Enter the phone number (24 digits max.). → **OK**
  - To erase a digit, press **C**.
- 

### Viewing/editing/erasing bar call numbers




-  (middle soft key)  **2 1 7**
- : Select the desired entry.
  - To exit, press .
- To edit a number:**  
 → Edit the phone number. → **OK** →   
**To erase a number:**  
 → : "Yes" → **OK** → 

#### Note:

- When editing, press the desired dial key to add, **C** to erase.

## 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 are to be restricted. Storing area codes here prevents the restricted handsets from dialling any phone number in that area code.

-  (middle soft key)  **2 5 6**
- Enter the base unit PIN (default: "0000").
  - If you forget your PIN, contact an authorised service centre.
- Select the handsets to be restricted by pressing **1** to **6**.
  - All handsets registered to the base unit are displayed.
  - "√" is displayed next to the selected handset numbers.
  - To cancel a selected handset, press the same dial key again. "√" disappears.
- OK**
- Select a memory location by pressing **1** to **6**. → **OK**
- Enter the phone number or area code to be restricted (8 digits max.). → **OK** → 
  - To erase a restricted number, press **C**.

## 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, contact an authorised service centre.

## Programming

- 1 **[M] (middle soft key) #132**
- 2 Enter the current 4-digit base unit PIN (default: "0000").
- 3 Enter the new 4-digit base unit PIN.  
→ **OK** → **[\*] (power)**

### Changing the unit's region setting/Resetting the base unit

- 1 **[M] (middle soft key) #136**
- 2 **[↓] (down arrow)**: Select the desired country. → **OK**  
  - "Other" = countries except Czech and Slovakia
  - "Česká rep." = Czech
  - "Slovensko" = Slovakia
- 3 **[↓] (down arrow)**: "Yes" → **OK** → **[\*] (power)**

#### Note:

- The following items will be deleted or reset to their default settings:
  - SMS settings (page 24)
  - Time Adjustment
  - Base unit transmission power
  - Privacy mode
  - Base unit PIN
  - Dial mode
  - All SMS messages
  - Caller list
  - Voice mail messages
  - Call restrict
- The following items will be retained:
  - Display language
  - Date and time
  - Handset name
  - Repeater mode
  - Call barred list
- If you select the desired country in step 2, the following default settings will be changed for the selected country's default settings:
  - Recall/flash time (page 26)

- Message centre 1 and 2 (page 24)
- SMS on/off (page 24)
- After changing the unit's region setting/resetting the base unit, **Y** is displayed on the handset momentarily. This is normal and the handset can be used once **Y** is displayed.

### Calendar/Schedule

You can program 20 schedule alarms for each handset using the calendar. A schedule alarm sounds at the set time for 1 minute. A text memo can also be displayed for the schedule alarm.

#### Important:

- Set the date and time beforehand (page 14).
- If the unit is connected to a PBX system, date information may not be properly received. Set the PBX system to receive the correct date information. Contact your PBX supplier if necessary.

### Adding a new entry

- 1 **[M] (middle soft key) → [M] (middle soft key) → OK**
- 2 **[↓] (down arrow)**: Select the desired date. → **OK**
  - To move to another month in the calendar, keep pressing **[v]** or **[^]**.
- 3 **[M] (middle soft key) → [↓] (down arrow)**: "New Entry" → **OK**
- 4 Edit the date if necessary. → **OK**
- 5 Set the desired time. → **OK**
- 6 Enter a text memo (30 characters max.; page 50). → **OK**
- 7 **[↓] (down arrow)**: Select the desired alarm tone. → **OK** 2 times
  - You can select "off" if you prefer not to hear an alarm tone.

## Programming

- We recommend selecting a different ringer tone from the one used for outside calls.
- To add other entries, repeat from step 3.

### 8 [X] [Power]

#### Note:

- To stop the alarm, press [X] or place the handset on the charger.
- When the handset is in use, the alarm will not sound until the handset is in standby mode.

#### Viewing entries

- 1 [X] (middle soft key) → [X] → **OK**
- 2 To see the entries on the selected date, press **OK**.  
To see the schedule list, press [X].
  - You can see detailed information about the schedule by pressing [X].

#### Editing an entry

- 1 [X] (middle soft key) → [X] → **OK**
- 2 [X] → [X]: Select the desired entry.
- 3 [X] → [X]: "Edit" → **OK**
- 4 Edit the date if necessary. → **OK**
- 5 Edit the time if necessary. → **OK**
- 6 Edit the text memo if necessary (30 characters max.; page 50). → **OK**
- 7 [X]: Select the desired alarm tone. → **OK** 2 times
- 8 [X] [Power]

#### Erasing an entry

Schedule alarm entries are not erased automatically after the schedule alarm sounds. Erase unwanted entries.

- 1 [X] (middle soft key) → [X] → **OK**
- 2 [X] → [X]: Select the desired entry.
- 3 [X] → [X]: "Erase" → **OK**
- 4 [X]: "Yes" → **OK**
- 5 [X] [Power]

#### Erasing all entries

- 1 [X] (middle soft key) → [X] → **OK**
- 2 [X] → [X]
- 3 [X]: "Erase All" → **OK**
- 4 [X]: "Yes" → **OK**
- 5 [X]: "Yes" → **OK**
- 6 [X] [Power]

## 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 or place. The monitored handset (placed in a baby's room, for example) will automatically call the monitoring handset or the phone number stored when it detects sound.

#### Important:

- You should perform a test run of the baby monitor procedure to ensure that the baby monitor feature is set correctly. For example, test its sensitivity. Check the connection if you are diverting the baby monitor to an outside line.

#### Note:

- Both the monitored and monitoring handsets must select the same base unit in order to use the baby monitor feature (page 35).



## Programming

- The monitored handset cannot be used with a Bluetooth headset.
- If the unit is connected to a PBX system, you cannot set the baby monitor.
- During the monitoring mode, battery consumption is faster than usual. We recommend leaving the monitored handset on the charger.
- The monitored handset never rings during the monitoring mode.

### Setting the baby monitor

Perform the setting operation with the handset to be monitored (for example, the handset placed in a baby's room).

#### To monitor with a handset

The internal baby monitor feature is only available between handsets in the same radio cell.

- 1 (middle soft key)
- 2 : "On" → **OK**
- 3 : Select the desired handset number to monitor with. → **OK**
  - "Baby Monitor" will be displayed.
  - The registered handset name/number is displayed.

#### Note:

- When this feature is on, another handset can hear the monitored handset by making an intercom call.

#### To monitor from an outside line

##### ■ From the phonebook:

- 1 (middle soft key)
- 2 : "On" → **OK**
- 3 : Select "External" to monitor from an outside line. → →
- 4 : Select the phonebook entry. → **OK**

- 5 : Select the desired phone number. → **OK**
  - "Baby Monitor" will be displayed.

#### Note:

- If you edit a phonebook entry which is assigned for monitoring, the edited entry does not transfer to the monitor.

##### ■ By entering phone numbers:

- 1 (middle soft key)
- 2 : "On" → **OK**
- 3 : Select "External" to monitor from an outside line. → →
- 4 Enter the desired name (16 characters max.; page 50). → **OK**
- 5 Enter the desired number (24 digits max.). → **OK** 2 times
  - "Baby Monitor" will be displayed.

#### Note:

- The registered name/number is displayed.

### Turning off the baby monitor

The monitored handset cannot be used while baby monitor is set to "On".

- 1 Press on the handset being monitored.
- 2 : "On/Off" → **OK**
- 3 : "Off" → **OK** →

### Editing an outside monitoring number

- 1 Press on the handset being monitored.
- 2 : "On/Off" → **OK**
- 3 : "On" → **OK**
- 4 : Select the outside line. →
- 5 → : "Edit" → **OK**

## Programming

- 6 Edit the name if necessary (16 characters max.; page 50). → **OK**
- 7 Edit the phone number if necessary (24 digits max.). → **OK** 2 times

### Erasing an outside monitoring number

- 1 Press **MEM** on the handset being monitored.
- 2 **[↕]**: "On/Off" → **OK**
- 3 **[↕]**: "On" → **OK**
- 4 **[↕]**: Select the outside line. → **MEM**
- 5 **MEM** → **[↕]**: "Erase" → **OK**
- 6 **[↕]**: "Yes" → **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 **MEM** on the handset being monitored.
  - 2 **[↕]**: "Sensitivity Level" → **OK**
  - 3 Press **[▲]** or **[▼]** to select the desired setting. → **OK** → **[\*][0]**

#### Note:

- When the baby monitor is activated, you cannot access the direct commands using the monitored handset. Before setting the baby monitor feature, you can use direct commands to adjust baby monitor sensitivity (page 25).

## Answering the baby monitor

### ■ When monitoring with a handset:

Press **[↶]** to answer calls.

If you want to respond from the monitoring handset, press **[MEM]**.

- The monitoring handset will answer calls automatically when the auto intercom feature is set to "On" (page 44).

#### Note:

- If you receive an outside call when communicating with the monitored handset, you hear 2 tones. To answer the call, press **[\*][0]**, then press **[↶]**.

### ■ When monitoring from an outside line:

To answer a call, follow the operation for your phone.

If you want to respond from the monitoring handset, press **[#][1]** using tone dialling.

You can turn off the baby monitor feature by pressing **[#][0]**.

#### Note:

- 2 minutes after the monitored handset starts a call, communication between the monitored handset and monitoring phone line is turned off automatically.

## Registering a unit

### Operating additional units

#### Additional handsets

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

## Programming

### Important:

- The additional handset model recommended for use with this unit is noted on page 3. If another handset model is used, certain operations may not be available.

### Additional base units

Handsets can be registered to up to 4 base units, allowing you to add additional base units and extend the area in which your handset(s) can be used. If a handset moves out of range of its base unit when "Auto" is selected on base unit (page 35), it looks 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 are disconnected when the handset moves from one radio cell to another.

### Registering a handset to a base unit

The supplied handset and base unit are pre-registered. If for some reason the handset is not registered to the base unit (for example,  $\Psi$  is displayed even when the handset is near the base unit), re-register the handset.

#### 1 Handset:

$\text{☰}$  (middle soft key) #130

#### 2 $\updownarrow$ : Select a base unit number. → OK

- This number is used by the handset as a reference only.

#### 3 Base unit:

Press and hold  $\text{☎}$  for about 5 seconds. (No registration tone)

- If all registered handsets start ringing, press  $\text{☎}$  again to stop, then repeat this step.

- The next step must be completed within 90 seconds.

#### 4 Handset:

OK → Wait until "Base PIN" is displayed. → Enter the base unit PIN (default: "0000"). → OK

- If you forget your PIN, contact an authorised service centre.
- When the handset has been registered successfully,  $\Psi$  is displayed.

### Note:

- While registering, "Base in registering" is displayed on all registered handsets.
- When you purchase an additional handset, refer to the additional handset's installation manual for registration.

### Selecting a base unit

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

#### 1 $\text{☰}$ (middle soft key) #137

#### 2 $\updownarrow$ : Select the desired base unit number, or "Auto". → OK

- The handset starts searching for the base unit.

### Deregistering a handset

A handset can cancel its own registration to the base unit, or other handsets registered to the same base unit. This allows the handset to end its wireless connection with the system.

#### 1 $\text{☰}$ (middle soft key) #131

- All handsets registered to the base unit are displayed.

## Programming

**2** [**↕**]: Select the handset you want to cancel. → **OK**

**3** [**↕**]: “Yes” → **OK**

- A confirmation tone sounds.
- The handset does not beep when cancelling its own registration.

**4** [**↵**]

### Canceling a base unit

A handset can cancel a base unit that it is registered to. This allows the base unit to end its wireless connection with the system.

**1** [**☰**] (middle soft key) [**#**] [**1**] [**3**] [**9**]

**2** [**↕**]: Select the base unit you want to cancel. → **OK**

**3** [**↕**]: “Yes” → **OK** → [**↵**]

### Note:

- To register a handset to another base unit or to the same base unit again, see page 35.

## 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 3. Contact your Panasonic dealer for details.

### Important:

- Before registering the repeater to this base unit, you must turn the repeater mode on.
- Do not use more than one repeater at a time.

### Setting the repeater mode

**1** [**☰**] (middle soft key) [**#**] [**1**] [**3**] [**8**]

**2** [**↕**]: Select the desired setting. → **OK** → [**↵**]

### Note:

- After turning the repeater mode on or off, **Y** is displayed on the handset momentarily. This is normal and the handset can be used once **Y** is displayed.

## Registering the DECT repeater (KX-A405) to the base unit

### Note:

- Please use a repeater that has not yet been registered to another unit. If the repeater is registered to another unit, deregister it first, referring to the Installation Guide for the DECT repeater.

### 1 Base unit:

Press and hold [**☎**] for about 5 seconds. (No registration tone)

- The next step must be completed within 90 seconds.

### 2 DECT repeater:

Connect the AC adaptor, then wait until the **①** indicator and **Y** indicator light green.

### 3 Base unit:

To exit the registration mode, press [**☎**].

**Caller ID Service**

**Using Caller ID service**

**Important:**

- This unit is Caller ID compatible. To use Caller ID features, you must subscribe to a Caller ID service. Contact your service provider/ telephone company for details.

**Caller ID features**

When an outside call is being received, the caller's phone number is displayed. Caller information for the last 50 callers is logged in the caller list from the most recent call to the oldest.

- If the unit cannot receive caller information, the following is displayed:
  - **“Out of Area”**: The caller dials from an area which does not provide a Caller ID service.
  - **“Private Caller”**: The caller requests not to send caller information.
- If the unit is connected to a PBX system, caller information may not be properly received. Contact your PBX supplier.

**Missed calls**

If a call is not answered, the unit treats it as a missed call and **↔** is displayed. This lets you know if you should view the caller list to see who called while you were away.

Even if only one missed call in the caller list is viewed (page 38), **↔** disappears from the display. When you receive another new call, **↔** is displayed again.

**Note:**

- Even when there are unviewed missed calls, **↔** disappears from the standby display if the following operation is performed by one of the registered handsets:

- Being replaced on the charger.
- Pressing [**↔**].

**Phonebook name display**

When caller information is received and it matches a phone number stored in the phonebook, the stored name in the phonebook is displayed and logged in the caller list.

**Category ringer tone**

This feature can help you identify who is calling by using different ringer tones for different categories of callers. When adding an entry to the phonebook, you can assign it to the desired category (page 19). When a call is received from a caller assigned to a category, the ringer you selected for that category rings after caller information is displayed.

If you select **“Default Ringer”**, the unit uses the ringer tone you selected on page 25 when calls from this category are received. The default setting is **“Default Ringer”**.

- 1 [**☰**] (left soft key) → [**☰**]
- 2 [**↕**]: **“Category”** → **OK**
- 3 [**↕**]: Select the desired category. → **OK**
- 4 [**↕**]: Select the current setting of the category ringer tone. → **OK**
- 5 [**↕**]: Select the desired ringer tone. → **OK**
- 6 [**↔**]

## Caller ID Service

### Caller list

#### Important:

- Only 1 person can access the caller list at a time.
- Make sure the unit's date and time setting is correct (page 14).

### Viewing the caller list and calling back

- 1 [**<**] (**→**)
- 2 Press [**v**] to search from the most recent call, or press [**▲**] to search from the oldest call.
  - You can see the detailed information about the caller by pressing [**⊞**] when in multiple display mode.
- 3 To call back, press [**↶**]. To exit, press [**⏏**].

#### Note:

- If the entry has already been viewed or answered, "✓" is displayed, even if it was viewed or answered using another handset.
- If the call matches an entry in the call barred list, the number is logged with **ⓧ** (page 29).

### Editing a caller's phone number before calling back

- 1 [**<**] (**→**)
- 2 [**↕**]: Select the desired entry. → **OK**
- 3 [**✎**] → Edit the number.
  - Press dial key (**0** to **9**) to add, **C** to delete.
- 4 [**↶**]

### Erasing selected caller information

- 1 [**<**] (**→**)
- 2 [**↕**]: Select the desired entry.
- 3 **X** → [**↕**]: "Yes" → **OK** → [**⏏**]

### Erasing all caller information

- 1 [**<**] (**→**)
- 2 **X** → [**↕**]: "Yes" → **OK** → [**⏏**]

### Storing caller information to the phonebook

- 1 [**<**] (**→**)
- 2 [**↕**]: Select the desired entry. → **OK** → **☰**
- 3 [**↕**]: "Phonebook" → **OK**
- 4 To store the name, continue from step 3, "Editing entries", page 20.

## SMS (Short Message Service)

### Using SMS

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 a Caller ID and/or an appropriate service such as SMS.
  - confirm that SMS is turned on.
  - confirm that the correct message centre numbers are stored.

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

#### Note:

- A total of 47 messages (at 160 characters/message) can be saved. Total number may be more than 47 if length of messages is less than 160 characters/message.
- If the unit is connected to a PBX system, you may not be able to use SMS features.

### Turning SMS on/off

- 1  (middle soft key) #357
- 2 : Select the desired setting. →  → 

### Storing SMS message centre numbers

SMS message centre numbers must be stored in order to send and receive SMS messages.





#### For Czech:

The message centre numbers (used for SMS services provided by Telefonica O2) are preprogrammed in this unit. You can change them if necessary.

#### For Slovakia:

The message centre numbers (used for SMS service provided by Slovak Telecom - T-Com) are preprogrammed in this unit. You can change them if necessary.

- Contact your service provider/ telephone company for more information.
- If you change the unit's region setting/ reset the base unit, the stored message centre numbers will be deleted or changed (page 24). In this case, store the numbers again if necessary.

- 1 To store "Message Centre1":  
 (middle soft key) #351  
 To store "Message Centre2":  
 (middle soft key) #352
- 2 Edit the number as necessary. →  → 




#### Note:


- For PBX users:
  - You need to add the PBX line access number and a dialling pause to the beginning of the Message Centre 1 number.
  - If you only use the Message Centre 1 number for SMS, store the Message Centre 1 number as is (without adding a line access number or dialling pause) to Message Centre 2.


## SMS (Short Message Service)


### Sending a message

#### Writing and sending a new message

- 1  (middle soft key) →  → **OK**
- 2 [**↕**]: “Create” → **OK**
  - If “▲Use Last Text?” is displayed, you can use the text from the last message you created by pressing [**▲**].
- 3 Enter a message. → **OK**
  - You can change the character entry mode by pressing  (page 50).
- 4 Enter the destination phone number (20 digits max.). → **OK**

**To use the redial list:**  
[**▶**] () → [**↕**]: Select the phone number. → **OK** 2 times

**To use the caller list:**  
[**◀**] () → [**↕**]: Select the party. → **OK** 2 times





**To use the phonebook:**  
 → [**↕**]: Select the phonebook entry. → **OK** → [**↕**]: Select the desired phone number. → **OK** 2 times
- 5 To save the message, select “Yes”. → **OK**
- 6 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. Contact your SMS service provider/telephone company for details.

- If your message contains over 160 characters, the message is a long message and “\*\*Long Text\*\*” is displayed. Your service provider/telephone company may treat long messages differently from other messages. Contact your service provider/telephone company for details.
- If your phone is connected to a PBX, store the PBX line access number (page 42).

#### Editing/sending a saved message

- 1  (middle soft key) →  → **OK**
- 2 [**↕**]: “Send List” → **OK**
- 3 To read a saved message, press [**▼**] or [**▲**] to select the message. → **OK**
- 4 **To edit the message:**  
 → [**↕**]: “Edit Message” → **OK** → Continue from step 3, “Writing and sending a new message”, page 40.  
**To send the message:**  
 → [**↕**]: “Send” → **OK** → Press and hold **C** to erase all numbers. → Continue from step 4, “Writing and sending a new message”, page 40.


#### Erasing saved messages

- 1  (middle soft key) →  → **OK**
- 2 [**↕**]: “Send List” → **OK**
- 3 [**↕**]: Select a message. → **OK**
- 4  → [**↕**]: “Erase” → **OK**
  - To erase all messages, select “Erase All”. → **OK**
- 5 [**↕**]: “Yes” → **OK** → [**⏏**]






**SMS (Short Message Service)****Receiving a message**


When an SMS message is received:

- "Receiving SMS Message" is displayed.
- a tone is heard (if the handset ringer is turned on).
-  is displayed with the total number of new (unread) SMS messages.


**Reading a received message**

- 1  (middle soft key) →  → **OK**
- 2 [↕]: "Receive List" → **OK**
- 3 [↕]: 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**
- 4 Press **OK** to read the message content.

**Note:**

- To call the message sender, press .



**Replying to a message**

- 1 While reading a received message, press .
- 2 [↕]: "Reply" → **OK**
- 3 Enter a message (page 50). → **OK**
- 4 Edit the destination phone number if necessary. → **OK**
- 5 Continue from step 5, "Writing and sending a new message", page 40.


**Editing/forwarding a message**

- 1 While reading a received message, press .
- 2 [↕]: "Edit Message" → **OK**
- 3 Continue from step 3, "Writing and sending a new message", page 40.



**Erasing received messages**

- 1 While reading a received message, press .
- 2 [↕]: "Erase" → **OK**
  - To erase all messages, select "Erase All". → **OK**
- 3 [↕]: "Yes" → **OK** → 

**Storing the sender's number in the phonebook**

- 1 While reading a received message, press .
- 2 [↕]: "Add Phonebook" → **OK**
- 3 To store the name, continue from step 3, "Editing entries", page 20.

**Editing the sender's number before calling back**







- 1 While reading a received message, press .
- 2 [↕]: "Edit & Call" → **OK**
- 3 Edit the number. → 

## SMS (Short Message Service)

### Other settings


#### 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 phonebook or redial list, the PBX line access number is deleted. The default setting is "off".



- 1  (middle soft key) 
- 2 : "on" → 
- 3 Enter your PBX line access code and a dialling pause, if necessary.  
→  → 

## Voice Mail Service

### Voice mail service

Voice mail is an automatic answering service offered by your service provider/telephone company. After you subscribe to this service, your service provider/telephone company's voice mail system answers 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. When you have new messages,  is displayed on the handset if message indication service is available. Please contact your service provider/telephone company for details of this service.

**Important:**

- If  still remains on the display even after you have listened to new messages, turn it off by pressing and holding  for 2 seconds.

## Intercom/Locator

### Intercom

Intercom calls can be made between handsets in the same radio cell.

#### Note:

- If you receive an outside call while talking on the intercom, you hear 2 tones. To answer the call, press **[\*☎]**, then press **[↶]**.
- When paging the handset, the paged handset beeps for 1 minute.

### Making an intercom call

- 1 **[☰]** (middle soft key) → **[☎]**
- 2 **[↕]**: Select the desired unit. → **OK**
  - To stop paging, press **[\*☎]**.
- 3 When you finish talking, press **[\*☎]**.

### Answering an intercom call

- 1 Press **[↶]** to answer the page.
- 2 When you finish talking, press **[\*☎]**.

### 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 34) will also answer baby monitor calls automatically. The default setting is "Off".

- 1 **[☰]** (middle soft key) **[#][2][7][3]**
- 2 **[↕]**: Select the desired setting. → **OK** → **[\*☎]**

### Handset locator

You can locate a misplaced handset by paging it.

- 1 **Base unit:** Press **[☎]**.
  - All registered handsets beep for 1 minute.
- 2 To stop paging:
  - Base unit:** Press **[☎]**.
  - Handset:** Press **[\*☎]**.

### Transferring calls, conference calls

Outside calls can be transferred between 2 handsets in the same radio cell.

2 handsets in the same radio cell can have a conference call with an outside party.

- 1 During an outside call, press **[☎]** to put the call on hold.
- 2 **[↕]**: Select the desired unit. → **OK**
- 3 Wait for the paged party to answer.
  - If the paged party does not answer, press **[↶]** to return to the outside call.
- 4 **To complete the transfer:** Press **[\*☎]**.
  - The outside call is being routed to the destination unit.

#### To establish a conference call:



- [☰]** → **[↕]**: "Conference" → **OK**
- To leave the conference, press **[\*☎]**. The other 2 parties can continue the conversation.
  - To put the outside call on hold: **[☰]** → **[↕]**: "Hold" → **OK**




### *Intercom/Locator*




To resume the conference:

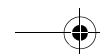
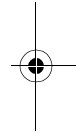
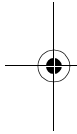
 → [↕]: "Conference" →  


**Note:**

- If you want to return to the outside call after the paged party answers, press .

**Answering a transferred call**

Press  to answer the page.



## Using Bluetooth devices

### Using Bluetooth devices

The handset is Bluetooth wireless technology compatible.

By using with other Bluetooth devices such as a mobile phone and headset, the following features are available:

- Copying phonebook entries from your mobile phone to a handset (page 46)
- Having a hands-free conversation by registering a Bluetooth headset to a handset (page 48)




#### Important:

- Your mobile phone and headset must be Bluetooth wireless technology compatible.

#### Turning Bluetooth on/off

You can turn Bluetooth on/off:

- Turn on to copy phonebook entries from a mobile phone or use the Bluetooth headset.
- Turn off to save the battery life of your handset after using the Bluetooth feature.

- 1  (middle soft key) # 6 1 3
- 2 : Select the desired setting. → **OK** → 


### Copying phonebook entries from a Bluetooth mobile phone (phonebook transfer)

You can copy phonebook entries from your mobile phone to a handset.

#### Important:


- Some mobile phones may not be compatible with this feature.
- If a copied entry has 4 or more phone numbers (6 max.), 3 phone numbers are stored as one entry. The remaining numbers are stored as a separate entry but with the same name in the phonebook.
- If a phonebook entry includes additional data such as a picture, that entry may fail to copy to the handset.

#### 1 Handset:


 (middle soft key) # 6 1 8

#### 2 Handset:

① To register a mobile phone and copy from it:

: "Mobile Phone" → **OK**


② To copy from a registered mobile phone:

: Select the mobile phone. →

**OK**

③ To copy from another mobile phone (not registered):

: "Change Device" → **OK** →

: "Mobile Phone" → **OK**

④ To copy from another mobile phone without registering:

: "Change Device" → **OK** →

: "Other Device" → **OK**

#### 3 Mobile phone:

Follow the instructions of your mobile phone to copy phonebook entries.

- For pattern ①, ③, and ④ in step 2, you need to search for and select the handset. The Bluetooth PIN (default: "0000") may be required.

#### 4 Handset:

: Select the category you want to copy to. → **OK**

## Using Bluetooth devices

### 5 Handset:

**When "Downloading Phonebook" is displayed:**

Go to step 6.

**When "Select Mode" menu is displayed:**

[↕]: Select "Auto" or "Manual".

→ **OK**

"Auto": Download all entries from the mobile phone automatically.

"Manual": Copy the entries you selected. Some mobile phone may copy all entries automatically.

- "Select Mode" menu is displayed only when the mobile phone supports PBAP (Phone Book Access Profile) for Bluetooth connection.
- The entries being copied are displayed on the handset.

### 6 Handset:

Wait until "Completed" is displayed.

- You can continue copying other entries if necessary.

### 7 Handset: [📞🔇]

#### Note:

- Some copied entries may have characters which do not exist in the character table (page 50). These characters can be displayed but cannot be entered when editing an entry.
- The unit does not support some characters. If a copied entry includes those characters, they are replaced with other available characters or "\*".
- If you receive a call while copying phonebook entries, the copying procedure stops. Try again after finishing the call.

### Changing the Bluetooth PIN

#### (Personal Identification Number)

The PIN is used to register a mobile phone. The default PIN is "0000". To prevent unauthorised access to this product, we recommend that you change the PIN and keep it confidential.

#### Important:

- Please make note of your new PIN. The unit does not reveal the PIN to you. If you forget your PIN, contact an authorised service centre.

- 1 [📞] (middle soft key) [📞] [6] [1] [9]
- 2 Enter the new 4-digit PIN. → **OK**
- 3 Enter the new 4-digit PIN again. → **OK**
- 4 [📞🔇]

## Using a Bluetooth wireless headset (optional)

By registering a Bluetooth headset to a handset, you can have a hands-free conversation wirelessly.

#### Important:

- 1 headset can be registered to the handset. Only one Bluetooth headset can be connected to the handset at a time.
- For best performance, we recommend using a Bluetooth headset within 1 m of the handset. A headset can communicate with the handset within a range of approximately 10 m.

## Using Bluetooth devices

### Panasonic Ni-MH battery performance during use of a Bluetooth headset

When the batteries are fully charged, operating time of the handset using a Bluetooth headset varies depending on usage.

- Continuous use of the headset: 5 hours max.
- Not in use: 50 hours max.

#### Important:

- If you do not use a Bluetooth headset, it is better to turn off the Bluetooth setting to save the battery life of your handset (page 46).

### Registering a headset to a handset

#### Important:

- Make sure that the Bluetooth headset is not connected to any other Bluetooth device.

#### 1 Your headset:

Set your headset to registration mode.

- Refer to your headset operating instructions.

#### 2 Handset:

**[MFK]** (middle soft key) **[#][6][2][1]**

#### 3 Enter your headset PIN.

- Typically, default PIN is "0000". Refer to your headset operating instructions.

#### 4 Press **[OK]**, then wait until a long beep sounds.

- When registration is complete, **[3]** is displayed. You are ready to use the headset.

### Connecting/disconnecting a headset

If you cannot connect the headset and handset by using the handset, you can connect by using the headset. To use your headset with another Bluetooth device such as a mobile phone, you may need to disconnect it from the handset.

#### Important:

- Make sure that the headset is turned on.

#### 1 **[MFK]** (middle soft key) **[#][6][2][2]**

- A long beep sounds.

#### 2 **[\*][0]**

#### Note:

- By turning the headset on, it may connect to the handset automatically. In addition, if the headset automatically connects to an outside line, press **[\*][0]** on the handset to hang up.

### Deregistering a headset

A handset can cancel a registration of a Bluetooth headset.

#### 1 **[MFK]** (middle soft key) **[#][1][3][4]**

#### 2 **[↑]**: "Yes" → **[OK]**

- After the headset is deregistered, the handset beeps and "Add new device" is displayed.

#### 3 **[\*][0]**

### Operating a Bluetooth wireless headset

You can operate the call with your headset even if you place the handset on the charger during a call.

#### Making calls

After dialling the phone number using the handset, you can operate the call with your headset.



## Using Bluetooth devices

Refer to your headset operating instructions for further details.

### Answering calls

To answer a call, turn on your headset referring to your headset operating instructions. When you finish talking, turn off your headset referring to your headset operating instructions.

#### Note:

- If you cannot hang up the call using your headset, press **[⏏]** on the handset.

### Switching from your headset to the handset

You can switch from your headset to the handset:

- during a call.
- during an intercom call.

Press **[↶]** on the handset.

### Adjusting your headset receiver volume

Press **[▲]** or **[▼]** repeatedly on the handset while using your headset.

**Useful Information**

**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 character entry mode (page 50).

- Press [◀] or [▶] to move the cursor left or right.
- Press dial keys to enter characters and numbers.
- Press **C** to erase the character or number highlighted by the cursor. Press and hold **C** to erase all characters or numbers.
- Press **⊞** (A→a) to switch between uppercase and lowercase.
- To enter another character located on the same dial key, press [▶] to move the cursor to the next space, then press the appropriate dial key.
- If you do not press any dial key within 5 seconds after entering a character, the character is fixed and the cursor moves to the next space.

**Character entry modes**

The available character entry modes are Alphabet (ABC), Numeric (0-9), Greek (ΑΒΓ), Extended 1 (ΑΆΆ), Extended 2 (ΣŚŠ), and Cyrillic (АБВ). For SMS messages, Alphabet (ABC), Numeric (0-9), Greek (ΑΒΓ), and Extended 1 (ΑΆΆ) modes are available. When in these entry modes except Numeric, you can select which character is entered by pressing a dial key repeatedly.

**When the unit displays the character entry screen:**

**1/A/?** → [↕]: Select a character entry mode. → **OK**

**Note:**

- **\_** in the following tables represents a single space.
- The dial keys with \*1, \*2, and \*3 in the following tables have different character assignment for SMS. See the footnotes with \*1, \*2, and \*3.

**Alphabet character table (ABC)**

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

**Numeric entry table (0-9)**

<b>0</b> <b>_</b>	<b>1</b> <b>&amp;(')</b> <sup>*1</sup>	<b>2</b> <b>ABC</b>	<b>3</b> <b>DEF</b>	<b>4</b> <b>GHI</b>	<b>5</b> <b>JKL</b>	<b>6</b> <b>MNO</b>	<b>7</b> <b>PQRS</b>	<b>8</b> <b>TUV</b>	<b>9</b> <b>WXYZ</b>	<b>#</b>
0	1	2	3	4	5	6	7	8	9	#

**Useful Information**

**Greek character table (ΑΒΓ)**

0	1 &'*	2 ABC	3 DEF	4 GHI	5 JKL	6 MNO	7 PQRS	8 TUV	9 WXYZ	#
_ 0	& ' ( ) * , - . / 1	A B Γ 2	Δ E Z 3	H Θ I 4	K Λ M 5	N Ξ O 6	Π Ρ Σ 7	Τ Υ Φ 8	Χ Ψ Ω 9	#

**Extended 1 character table (ΑĂĂ)**

0	1 &'*	2 ABC	3 DEF	4 GHI <sup>*2</sup>	5 JKL	6 MNO	7 PQRS	8 TUV	9 WXYZ <sup>*3</sup>	#
_ 0	& ' ( ) * , - . / 1	A Ă Ā Ă Ă Ă Ă Æ B C Ç 2	D Ę Ě É Ê Ę Ë Ę 3	G Ğ Ħ I İ Ĩ İ İ İ 4	J K L 5	M N Ń O Ő Ó Ō Ö 6	P Q R S Ş ß 7	T U Ū Ú Ŭ Ü Ů V 8	W Ŵ X Y Ŷ Z 9	#
		a á â ã ä å â æ b c ç 2	d ě e é ê ě ë ð 3	g ğ ħ i î ĩ ï ï 4	j k l 5	m n ń o ő ó ô ö 6	p q r s ş ß 7	t u ū ú ŭ ü ů v 8	w ŵ x y ŷ z 9	

• The following are used for both uppercase and lowercase: ø ŵ ŷ

**Extended 2 character table (ŚŠŠ) (Not available for SMS)**

0	1 &'*	2 ABC	3 DEF	4 GHI	5 JKL	6 MNO	7 PQRS	8 TUV	9 WXYZ	#
_ 0	& ' ( ) * , - . / 1	A Á Ā Ą B C Ć Č 2	D Ď E É Ę Ě F 3	G Ħ I Í 4	J K L Ł Ł Ł 5	M N Ń Ń Ő Ó Ō Ö 6	P Q R Ŕ Ŗ Š Ś Š 7	T Ŧ U Ú Ŭ Ü Ů V 8	W X Y Ŷ Ź Ž 9	#
		a á â Ą b c Ć Č 2	d ě e é ě ě f 3	g ħ i í 4	j k l ł ł ł 5	m n ń ń ő ó ô ö 6	p q r ŕ ŕ š ś š 7	t ŧ u ú ŭ ü ů v 8	w x y ŷ ź ž 9	

• The following are used for both uppercase and lowercase:

Ą Ć Č Ę Ł Ł Ł Ń Ŕ Ŗ Š Ś ů ŷ Ž Ž Ž

**Cyrillic character table (АБВ) (Not available for SMS)**

0	1 &'*	2 ABC	3 DEF	4 GHI	5 JKL	6 MNO	7 PQRS	8 TUV	9 WXYZ	#
_ 0 Г Е І І ŷ	& ' ( ) * , - . / 1	A 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	#

<sup>\*1</sup>

1 &'*
. @ / : ; * # + - 1 " ' , ! ı ? ı _ € £ \$ ¥ ( ) [ ] { } & % \ ^ ~   < > = ı §

<sup>\*2</sup>

4 GHI
G Ğ Ħ I İ Ĩ İ İ İ 4 g ğ ħ i î ĩ i i i 4

<sup>\*3</sup>

9 WXYZ
W X Y Z 9 w x y z 9

## Useful Information

### Error messages

Display message	Cause/solution
<b>Base no power</b> or <b>No link to base.</b> <b>Reconnect main</b> <b>base AC adaptor.</b>	<ul style="list-style-type: none"> <li>• The handset has lost communication with the base unit. Move closer to the base unit and try again.</li> <li>• Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again.</li> <li>• The handset's registration may have been cancelled. Re-register the handset (page 35).</li> </ul>
<b>Check Phone Line</b>	<ul style="list-style-type: none"> <li>• The supplied telephone line cord has not been connected yet or not connected properly. Check the connections (page 9).</li> </ul>
<b>Failed</b>	<ul style="list-style-type: none"> <li>• Phonebook copy failed (page 21). Confirm the other handset (the receiver) is in standby mode and try again.</li> </ul>
<b>Incomplete</b>	<ul style="list-style-type: none"> <li>• The receiver's phonebook memory is full. Erase the unwanted phonebook entries from the other handset (the receiver) and try again.</li> </ul>
<b>Invalid Number</b>	<ul style="list-style-type: none"> <li>• You tried to send an SMS message to a phone number saved in the phonebook, caller list, or redial list that is over 20 digits long.</li> </ul>
<b>Memory Full</b>	<ul style="list-style-type: none"> <li>• The phonebook memory is full. Erase unwanted entries (page 20).</li> <li>• The call barred list memory is full. Erase unwanted entries (page 30).</li> <li>• The schedule alarm memory is full. Erase unwanted entries (page 32).</li> <li>• The maximum number of base units (4) is already registered to the handset. Cancel unused base unit registrations from the handset (page 36).</li> </ul>
<b>Use rechargeable battery.</b>	<ul style="list-style-type: none"> <li>• A wrong type of battery such as Alkaline or Manganese was inserted. Use only the rechargeable Ni-MH batteries noted on page 3, 6.</li> </ul>
<b>You must first subscribe to Caller ID.</b>	<ul style="list-style-type: none"> <li>• You must subscribe to a Caller ID service. Once you receive caller information after subscribing to a Caller ID service, this message will not be displayed.</li> </ul>

**Useful Information****Troubleshooting**

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

**General use**



<b>Problem</b>	<b>Cause/solution</b>
The handset does not turn on even after installing charged batteries.	<ul style="list-style-type: none"> <li>Place the handset on the charger to turn on the handset.</li> </ul>
The unit does not work.	<ul style="list-style-type: none"> <li>Make sure the batteries are installed correctly (page 9).</li> <li>Fully charge the batteries (page 9).</li> <li>Check the connections (page 9).</li> <li>Unplug the base unit's AC adaptor to reset the unit and turn off the handset. Reconnect the adaptor, turn on the handset and try again.</li> <li>The handset has not been registered to the base unit. Register the handset (page 35).</li> </ul>
The handset display is blank or dark.	<ul style="list-style-type: none"> <li>The handset is in screen saver mode (page 13). Activate the handset display again by:               <ul style="list-style-type: none"> <li>pressing [<b>&lt;</b>] or [<b>&gt;</b>] when on a call.</li> <li>pressing [<b>⏻</b>] at all other times.</li> </ul> </li> <li>"LCD in charging" is set to "Off" while on charge. Change the setting (page 26).</li> <li>The handset is not turned on. Turn the power on (page 13).</li> </ul>
I cannot hear a dial tone.	<ul style="list-style-type: none"> <li>Make sure that you are using the supplied telephone line cord. Your old telephone line cord may have a different wiring configuration.</li> <li>The base unit's AC adaptor or telephone line cord is not connected. Check the connections.</li> <li>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.</li> </ul>

### Useful Information

#### Programmable settings

Problem	Cause/solution
The display is in a language I cannot read.	<ul style="list-style-type: none"> <li>Change the display language (page 14).</li> </ul>
While programming, the display returns to standby mode.	<ul style="list-style-type: none"> <li>A call matching an entry in the call barred list is being received. Wait and try again later.</li> </ul>
I cannot activate the eco mode.	<ul style="list-style-type: none"> <li>You cannot set eco mode when you set the repeater mode "On". If required, set the repeater mode to "Off" (page 36).</li> </ul>
I cannot register a handset to a base unit.	<ul style="list-style-type: none"> <li>The maximum number of base units (4) is already registered to the handset. Cancel unused base unit registrations from the handset (page 36).</li> <li>The maximum number of handsets (6) is already registered to the base unit. Cancel unused handset registrations from the base unit (page 35).</li> <li>You entered the wrong PIN. If you forget your PIN, contact an authorised service centre.</li> </ul>

#### Battery recharge

Problem	Cause/solution
The handset beeps and/or  flashes.	<ul style="list-style-type: none"> <li>Battery charge is low. Fully charge the batteries (page 9).</li> </ul>
I fully charged the batteries, but <ul style="list-style-type: none"> <li> still flashes or</li> <li>the operating time seems to be shorter.</li> </ul>	<ul style="list-style-type: none"> <li>Clean the battery ends (<math>\oplus</math>, <math>\ominus</math>) and the charge contacts with a dry cloth and charge again.</li> <li>It is time to replace the batteries (page 9).</li> <li>After registering your Bluetooth headset to your handset, the battery life of your handset will decrease. If you do not use a Bluetooth headset, it is better to turn off the Bluetooth setting.</li> </ul>

**Useful Information****Making/answering calls, intercom**

<b>Problem</b>	<b>Cause/solution</b>
☒ is displayed.	<ul style="list-style-type: none"> <li>● The handset is too far from the base unit. Move closer.</li> <li>● The base unit's AC adaptor is not properly connected. Reconnect AC adaptor to the base unit.</li> <li>● The handset is not registered to the base unit. Register it (page 35).</li> <li>● Activating one touch eco mode reduces the range of the base unit in standby mode. If required, turn eco mode off (page 14).</li> </ul>
Noise is heard, sound cuts in and out.	<ul style="list-style-type: none"> <li>● You are using the handset or base unit in an area with high electrical interference. Re-position the base unit and use the handset away from sources of interference.</li> <li>● Move closer to the base unit.</li> <li>● If you use a DSL/ADSL service, we recommend connecting a DSL/ADSL filter between the base unit and the telephone line jack. Contact your DSL/ADSL provider for details.</li> <li>● Unplug the base unit's AC adaptor to reset the unit and turn off the handset. Reconnect the adaptor, turn on the handset and try again.</li> </ul>
Sound quality seems to be getting worse.	<ul style="list-style-type: none"> <li>● You have registered a handset that is not recommended (page 3). The clearest sound quality is only possible by registering the recommended handset.</li> </ul>
The handset does not ring.	<ul style="list-style-type: none"> <li>● The ringer volume is turned off. Adjust ringer volume (page 17).</li> <li>● Night mode is turned on. Turn it off (page 29).</li> </ul>
I cannot make a call.	<ul style="list-style-type: none"> <li>● The dialling mode may be set incorrectly. Change the setting (page 14).</li> <li>● The handset is too far from the base unit. Move closer and try again.</li> <li>● Another unit is in use. Wait and try again later.</li> <li>● You dialled a call restricted number (page 30).</li> <li>● The key lock feature is turned on. Turn it off (page 18).</li> </ul>

## Useful Information

### Caller ID

Problem	Cause/solution
Caller information is not displayed.	<ul style="list-style-type: none"> <li>You must subscribe to a Caller ID service. Contact your service provider/telephone company for details.</li> <li>If your unit is connected to any additional telephone equipment, remove and plug the unit directly into the wall jack.</li> <li>If you use a DSL/ADSL service, we recommend connecting a DSL/ADSL filter between the base unit and the telephone line jack. Contact your DSL/ADSL provider for details.</li> <li>Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again.</li> </ul>
Caller information is slow to display.	<ul style="list-style-type: none"> <li>Depending on your service provider/telephone company, the unit may display the caller's information at the 2nd ring or later.</li> <li>Move closer to the base unit.</li> </ul>
Time on the unit has shifted.	<ul style="list-style-type: none"> <li>Incorrect time information from incoming Caller ID changes the time. Set the time adjustment to "Manual" (off) (page 24).</li> </ul>

### SMS (Short Message Service)

Problem	Cause/solution
The SMS message centre number is logged in the caller list and the message is not received.	<ul style="list-style-type: none"> <li>Someone tried to send you a message while SMS is turned off. Turn it on (page 39).</li> </ul>
I cannot send or receive SMS messages.	<ul style="list-style-type: none"> <li>You have not subscribed to the appropriate service. Contact your service provider/telephone company.</li> <li>The SMS message centre number(s) are not stored or are incorrect. Store the correct numbers (page 39).</li> <li>Message transmission was interrupted. Wait until the message has been sent before using other telephone functions.</li> <li>If you use a DSL/ADSL service, we recommend connecting a DSL/ADSL filter between the base unit and the telephone line jack. Contact your DSL/ADSL provider for details.</li> </ul>
"FD" is displayed.	<ul style="list-style-type: none"> <li>The unit could not connect to the SMS message centre. Confirm that the correct SMS message centre numbers are stored. Confirm that SMS is turned on (page 39).</li> </ul>



**Useful Information**

Problem	Cause/solution
"FE" is displayed.	<ul style="list-style-type: none"> <li>An error occurred while sending the message. Try again.</li> </ul>
"E0" is displayed.	<ul style="list-style-type: none"> <li>Your phone number is permanently withheld or you have not subscribed to the appropriate service. Contact your service provider/telephone company.</li> </ul>

**Using Bluetooth devices**

Problem	Cause/solution
I cannot copy phonebook entries from my mobile phone.	<ul style="list-style-type: none"> <li>Confirm that your mobile phone supports Bluetooth wireless technology.</li> <li>Confirm that your mobile phone supports the Object Push Profile (OPP) or Phone Book Access Profile (PBAP) specification.</li> <li>If your mobile phone is already connected to another Bluetooth device such as a Bluetooth headset, turn it off or disconnect it from your mobile phone.</li> <li>Turn your mobile phone off, then turn it on and try again.</li> </ul>
I cannot have a conversation using the headset.	<ul style="list-style-type: none"> <li>Your Bluetooth headset is not registered. Register it (page 48).</li> <li>Turn your headset off, then turn it on and try again.</li> </ul>
Noise is heard during a call on the headset.	<ul style="list-style-type: none"> <li>A Bluetooth headset can communicate with the handset within a range of approximately 10 m. The connection may be subject to interference from obstructions such as walls or electronic devices. Move closer to the handset.</li> </ul>
I cannot connect my headset to the handset.	<ul style="list-style-type: none"> <li>Confirm that your headset is turned on.</li> <li>If your headset is already connected to another Bluetooth device such as your mobile phone, disconnect the headset from your mobile phone, then perform the connecting procedure from the handset.</li> <li>The headset is not registered to the handset. Register the headset (page 48).</li> <li>Confirm that the Bluetooth setting of your handset is turned on (page 46).</li> </ul>
Your headset automatically connects to an outside line when turning it on.	<ul style="list-style-type: none"> <li>Press <b>[*][0]</b> on the handset to hang up.</li> </ul>

### Useful Information

Problem	Cause/solution
Some headset enhanced features are not available.	<ul style="list-style-type: none"> <li>The handset does not support enhanced features such as Last number redial or Call reject.</li> </ul>
An error tone is heard when I try to program the Bluetooth feature.	<ul style="list-style-type: none"> <li>The bluetooth feature cannot be accessed immediately after turning on the handset. Wait a few seconds and try again.</li> <li>The headset has not been connected to the handset yet, even though you performed the connecting procedure setting. Wait a few seconds and try again.</li> </ul>

### Liquid damage

Problem	Cause/solution
Liquid or other form of moisture has entered the handset/base unit.	<ul style="list-style-type: none"> <li>Disconnect the AC adaptor and telephone line cord from the base unit. Remove the batteries from the handset and leave to dry for at least 3 days. After the handset/base unit are completely dry, reconnect the AC adaptor and telephone line cord. Insert the batteries and charge fully before use. If the unit does not work properly, contact an authorised service centre.</li> </ul>

#### Caution:

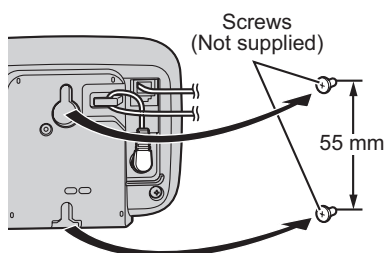
- To avoid permanent damage, do not use a microwave oven to speed up the drying process.

## Wall mounting

#### Note:

- Make sure that the wall and the fixing method are strong enough to support the weight of the unit.

#### ■ Base unit



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# CE0470

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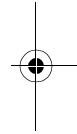
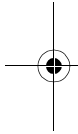
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