Panasonic®

Operating Instructions

**Digital Cordless Telephone
with Link-to-Cell System**

Model No. **KX-TG7872AZ
KX-TG7873AZ
KX-TG7892AZ
KX-TG7893AZ**

DECT
6.0

Bluetooth®

Model shown is KX-TG7872.

Before initial use, see "Getting Started" on page 10.

Thank you for purchasing a Panasonic product.
Please read these operating instructions before using the unit and save them for future reference.

To use this unit in your country, first change the unit's region setting to match your country (page 44).

**Please access our online customer survey:
http://panasonic.net/pcc/tel/q**

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Model composition

■ **KX-TG7871 series**

■ **KX-TG7892/KX-TG7893**

- Model shown is KX-TG7872.
- Model shown is KX-TG7892.

Series	Model No.	Base unit	Handset	
		Part No.	Part No.	Quantity
KX-TG7871 series	KX-TG7872	KX-TG7871	KX-TGA680	2
	KX-TG7873	KX-TG7871	KX-TGA680	3
	KX-TG7892[*1]	KX-TG7871	KX-TGA680	2
	KX-TG7893[*1]	KX-TG7871	KX-TGA680	3

*1 A key finder (KX-TGA20AZ) is supplied in this model. The key finder is pre-registered to the unit. By attaching the key finder to an easy-to-lose item in advance, you can locate and find the mislaid item. Read the installation guide for more information on the key finder.

- The suffix (AZ) in the following model numbers will be omitted in these instructions:
  KX-TG7872AZ/KX-TG7873AZ/KX-TG7892AZ/KX-TG7893AZ

Accessory information

Supplied accessories

No.	Accessory item/Part number	Quantity	
		KX-TG7872 KX-TG7892	KX-TG7873 KX-TG7893
①	AC adaptor/PNLV234AL	1	1
②	Telephone line cord (for Australia)[*1]	1	1
③	Telephone line cord (for New Zealand)	1	1
④	Desk stand/Wall mounting adaptor[*2]	1	1
⑤	Rechargeable batteries[*3]	4	6
⑥	Handset cover[*4]	2	3

Introduction

No.	Accessory item/Part number	Quantity	
		KX-TG7872 KX-TG7892	KX-TG7873 KX-TG7893
⑦	Belt clip	2	3
⑧	Charger	1	2

*1 The telephone line cord comes connected with the telephone plug.
*2 The desk stand/wall mounting adaptor comes attached to the base unit.
*3 See page 4 for replacement battery information.
*4 The handset cover comes attached to the handset.

■ **For KX-TG7892/KX-TG7893**

No.	Accessory item/Part number	Quantity
⑨	Key finder/KX-TGA20AZ	1
⑩	CR coin cell lithium battery/CR2032	1
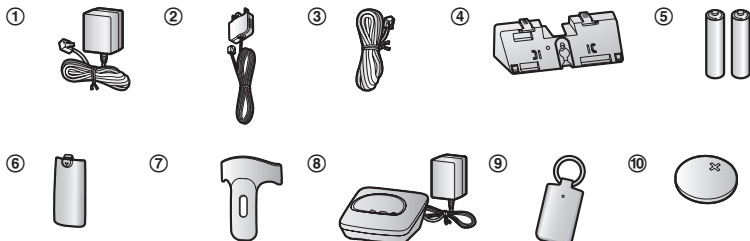
Additional/replacement accessories

Please contact your nearest Panasonic dealer for sales information.

Accessory item	Order number
Rechargeable batteries	HHR-4MY/2B[*1]
	Battery type: – Nickel metal hydride (Ni-MH) – 2 x AAA (R03) size for each handset
DECT repeater	KX-A405AL
Key finder	KX-TGA20AZ[*2]

*1 Replacement batteries may have a different capacity from that of the supplied batteries.
*2 By registering the key finder (4 max.) to a Panasonic Digital Cordless Phone and attaching it to an easy-to-lose item in advance, you can locate and find the mislaid item to which the key finder is attached. Please visit our Web site:
http://panasonic.net/pcc/products/telephone/p/tga20/
Please contact Panasonic or authorised sales department on the back cover for availability of key finder in your area.

Headset (optional)

Connecting a headset to the handset allows for hands-free conversations.

Note:
- Only telecommunications compliance labelled headset should be plugged into the headset socket on the handset.

Expanding your phone system

Handset (optional): KX-TGA680AZ
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.

Bluetooth® devices

You can expand your phone system by pairing the following units to a single base unit.

Your Bluetooth cellular phone[1]**:** 2 max. (for cellular calls: page 17)	
Your Bluetooth headset[1]**:** 1 max. (for a wireless hands-free conversation: page 52)	

*1   Your cellular phone and headset must be Bluetooth wireless technology compatible.

Trademarks

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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.
● It is advised not to use the equipment at a refuelling point. Users are reminded to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress.

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 socket, and do not use.

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 sockets in wet locations unless the socket 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.

Battery

- We recommend using the batteries noted on page 4. **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 base unit (or charger) to charge the batteries. Do not tamper with the base unit (or charger). Failure to follow these instructions may cause the batteries to swell or explode.

General notices

- This equipment will be inoperable when mains power fails.
- When a failure occurs which results in the internal parts becoming accessible, disconnect the power supply cord immediately and return this unit to an authorised service centre.
- To minimise the possibility of lightning damage, when you know that a thunderstorm is coming, we recommend that you:

  – Unplug the telephone line cord from the phone socket.
  – Unplug the AC adaptor from the AC power outlet.
- No "000" (for Australia), "111" (for New Zealand), and/or other calls can be made from this device during a mains power failure.
- The earpiece on the handset is magnetised and may retain small metallic objects.

Important notice:

- Under power failure conditions, this telephone may not operate. Please ensure that a separate telephone, not dependent on local power, is available for emergency use.

For New Zealand

- Disconnect the telecom connection before disconnecting the power connection prior to relocating the equipment, and reconnect the power first.
- This equipment shall not be set to make automatic calls to the Telecom "111" Emergency Service.
- The unit's answering system only responds to Distinctive Alert cadence(s) DA1 and DA3.
- Not all telephones will respond to incoming ringing when connected to the extension socket.
- This equipment may not provide for the effective hand-over of a call to another device connected to the same line.
- The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

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 (including 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 heaters, kitchen stoves, 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.
● 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

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

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 on Disposal in other Countries outside the European Union

Cd

These symbols 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.

Specifications

● **Standard:**
Bluetooth wireless technology 2.1
● **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
● **Power consumption:**
Base unit:
Standby: Approx. 1.2 W
Maximum: Approx. 8.5 W
Charger:
Standby: Approx. 0.1 W
Maximum: Approx. 1.8 W
● **USB Charger:**
Output voltage: DC 5 V
Output current: 500 mA
● **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.

Setting up

Connections

- Use only the supplied Panasonic AC adaptor PNLV234AL.
- The hook of the base unit is not designed to hold the AC adaptor cord for the desk stand or wall mounting use (page 66).
- If you do not connect the telephone line cord and use only cellular lines, set the cellular line only mode to use this unit more conveniently (page 19).

■ **Base unit (for Australia)**
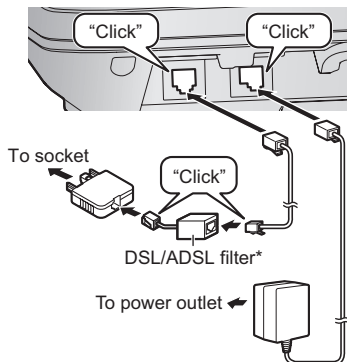
*DSL/ADSL filter (not supplied) is required if you have DSL/ADSL service.

■ **Base unit (for New Zealand)**
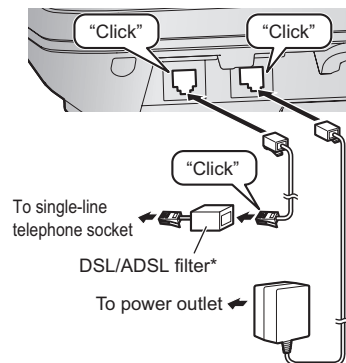
*DSL/ADSL filter (not supplied) is required if you have DSL/ADSL service.

■ **Charger**

Battery installation

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

Rechargeable Ni-MH ONLY

- When the region setting is displayed, see page 44.
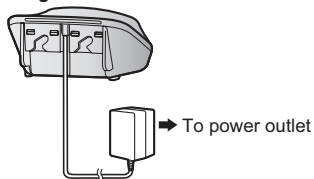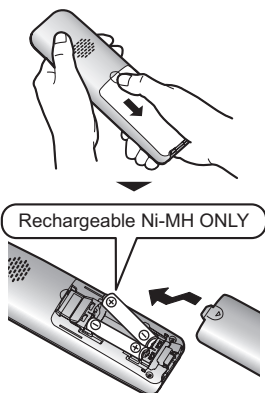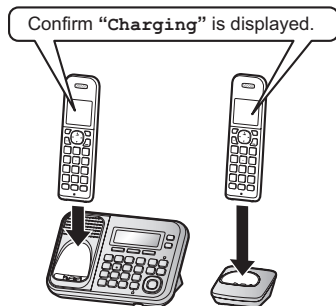
Battery charging

Charge for about 7 hours.
- When the batteries are fully charged, **"Fully charged"** is displayed.

Confirm **"Charging"** is displayed.

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.
- The unit is not designed to be used with rotary/pulse dialling services.
- The unit's answering system will not answer incoming calls on your FaxAbility number. (for New Zealand)

Note for battery installation

- Use the supplied rechargeable batteries. For replacement, we recommend using the Panasonic rechargeable batteries noted on page 4, 7.
- Wipe the battery ends ($\oplus$, $\ominus$) with a dry cloth.
- Avoid touching the battery ends ($\oplus$, $\ominus$) 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, base unit, and charger with a soft and dry cloth once a month. Before cleaning the unit, disconnect from power outlets and any telephone line cords. Clean more often if the unit is exposed to grease, dust, or high humidity.

Battery level

Icon	Battery level
▤	High
▤	Medium
▢	Low
▱	Needs charging.

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Icon	Battery level
🗋	Empty

Panasonic Ni-MH battery performance (supplied batteries)

Operation	Operating time
In continuous use	10 hours max.[*1]
Not in use (standby)	8 days max.[*1]

[*1]   If eco mode is on.

Note:

● Actual battery performance depends on usage and ambient environment.
● Even after the batteries are fully charged, the handset can be left on the base unit or 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 base unit or charger and let it charge for at least 7 hours.

Intelligent eco mode

This feature automatically reduces handset power consumption by suppressing handset transmission power when the handset is close to the base unit.

● When this feature is activated, **ECO** is displayed. However, during a cellular call, **ECO** is not displayed even though this feature is activated.

Controls

Handset
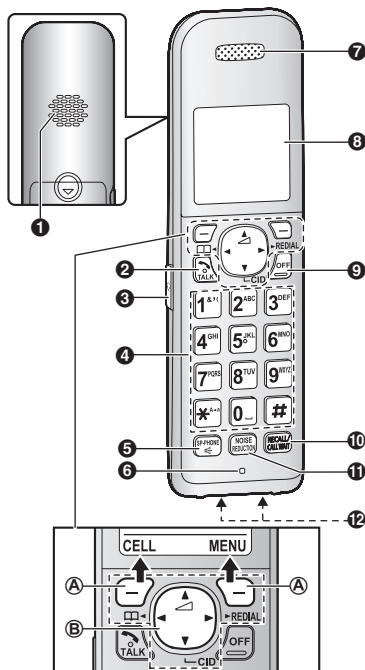
1. Speaker
2. 【 ➘ 】 (TALK)
3. Headset socket
4. Dial keypad
5. 【 ◁ 】 (SP-PHONE: Speakerphone)
6. Microphone
7. Receiver
8. Display
9. 【OFF】
10. 【RECALL】【CALL WAIT】
11. 【NOISE REDUCTION】
12. Charge contacts

■ **Control type**
Ⓐ Soft keys

The handset features 2 soft keys. By pressing a soft key, you can select the feature shown directly above it on the display. After a cellular phone is paired, 【CELL】 is displayed.

Ⓑ Navigator key
– 【▲】, 【▼】, 【◄】, or 【►】: Scroll through various lists and items.
– ◢ (Volume: 【▲】 or 【▼】): Adjust the receiver or speaker volume while talking.
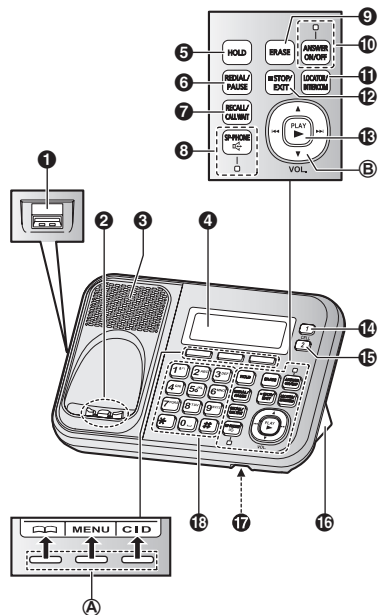– 【◄】 🕮: View the phonebook entry.
– 【►】 REDIAL: View the redial list.
– 【▼】 CID (Caller ID): View the caller list.

Base unit

❶ **USB socket**
❷ **Charge contacts**
❸ **Speaker**
❹ **Display**

❺ 【HOLD】
❻ 【REDIAL】 【PAUSE】
❼ 【RECALL】 【CALL WAIT】
❽ 【📢】 (SP-PHONE: Speakerphone)
   SP-PHONE indicator
❾ 【ERASE】
❿ 【ANSWER ON/OFF】
   ANSWER ON/OFF indicator
⓫ 【LOCATOR】 【INTERCOM】
⓬ 【■】 (STOP) (EXIT)
⓭ 【►】 (PLAY)
   Message indicator
⓮ 【CELL 1】
   CELL 1 indicator
⓯ 【CELL 2】
   CELL 2 indicator
⓰ **Desk stand/Wall mounting adaptor**
   ● The adaptor is a removable attachment for desk stand or wall mounting use (page 66).
⓱ **Microphone**
⓲ **Dial keypad**

■ **Control type**
Ⓐ Soft keys

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

Ⓑ Navigator key
– 【▲】, 【▼】, 【I◄◄】, or 【►►I】: Scroll through various lists and items.
– VOL. (Volume: 【▲】 or 【▼】): Adjust the speaker volume while talking.
– 【I◄◄】/【►►I】: Repeat/skip messages during playback.

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Charging the cellular phone by USB

By connecting a USB cable (not supplied) to the cellular phone and the base unit, you can charge a cellular phone. However, the cellular phone cannot exchange data with the base unit through a USB cable.
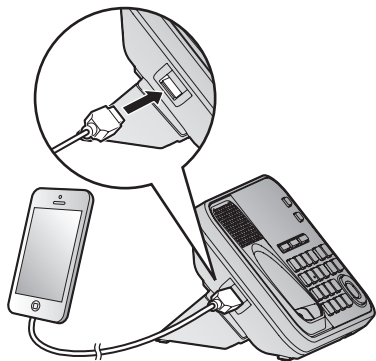
Note:

- USB charging may not work properly depending on the cellular phone's specifications.

Belt clip

■ **To attach**   ■ **To remove**

Display/Indicators

Handset display items

Item	Meaning
$\mathbf{Y}$	Within base unit range
$\mathbf{Y}$	Out of base unit range
➜	The landline is in use. ● When flashing: The call is put on hold. ● When flashing rapidly: An incoming call is now being received.
📱	A cellular line is in use. ● When flashing: The cellular call is put on hold. ● When flashing rapidly: A cellular call is being received.
⚹¹₂	A cellular phone is connected.[1] Ready to make/receive cellular calls. ● When turned off: A cellular phone is not connected to the base unit. (page 19)
C1 **C2**	– The cellular line is selected for the ringer setting. – A cellular call is being received on that line.
ECO	Eco mode is on.[2] (page 12)
NR	Noise reduction is set. (page 23)
EQ	Equalizer is set. (page 23)
🕩	Speakerphone is on. (page 21)
⚞¹ₗ	Ringer volume is off.[3] (page 22, 36)
⭐	Night mode is on. (page 42)
PRIV.	Privacy mode is on. (page 39)

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Item	Meaning
⏰	Alarm is on. (page 42)
1	Handset number
📦	Battery level
✖👤	Blocked call[4] (page 43)
`In use`	Answering system is being used by another handset or the base unit.
`Cell1 in use`	Someone is using the cellular line.
`Cell2 in use`	
`Line in use`	Someone is using the landline.

*1 Corresponding cellular line(s) is(are) indicated next to the item.
*2 During a cellular call, the item is not displayed even though the feature is activated.
*3 Corresponding lines (1, 2: cellular line, L: landline) are indicated next to the item. If all lines are turned off, no line is indicated.
*4 Caller ID subscribers only

Base unit display items

Item	Meaning
📵¹L	Ringer volume is off.[1] (page 28, 40)
🌙	Night mode is on. (page 42)
PRIV.	Privacy mode is on. (page 39)
`In use`	Answering system is being used by a handset.
`Cell1 in use`	Someone is using the cellular line.
`Cell2 in use`	
`Line in use`	Someone is using the landline.

Item	Meaning
GO	**"Greeting only"** is selected as the caller's recording time. In this case, the answering system answers calls with a greeting message and caller messages are not recorded. (page 61)
🔵📞	A Bluetooth headset is connected to the base unit. Ready to use it.
◌	A Bluetooth headset is in use.

*1 Corresponding lines (1, 2: cellular line, L: landline) are indicated next to the item. If all lines are turned off, no line is indicated.

CELL 1/CELL 2 indicators on the base unit

The CELL 1/CELL 2 indicators show each cellular line status.

Status	Meaning
On	A cellular phone is connected. Ready to make/receive cellular calls.
Flashing	– The cellular line is in use. – Phonebook entries are being copied from a cellular phone (page 51). – The base unit is searching for the paired cellular phone. – The base unit is pairing a cellular phone. – A cellular call is put on hold.
Flashing rapidly	A cellular call is being received.
Light off	– A cellular phone is not paired to the base unit. – A cellular phone is not connected to the base unit (page 19).

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Initial settings

■ **Direct command code:**
Programmable settings can be accessed by pressing **{MENU}**, #, and then the corresponding code on the dial keypad (page 34).
Example: Press **{MENU}** # 1 0 1.
■ **Symbol meaning:**
Example: **{♦}**: "Off"
Press **{▼}** or **{▲}** to select the words in quotations.

Date and time

Handset

1 **{MENU}** # 1 0 1

2 Enter the current date, month, and year by selecting 2 digits for each.
Example: 15 July, 2013
1 5 0 7 1 3

3 **{OK}**

4 Enter the current hour and minute (12-hour clock format) by selecting 2 digits for each.
Example: 9:30
0 9 3 0

5 ⚹: Select **"AM"** or **"PM"**.

6 **{SAVE}** → **{OFF}**

Note:

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

Link to cell feature

To use this feature, you must first pair and connect your cellular phones to the base unit (page 17).
Your cellular phones must have Bluetooth wireless technology that is compatible with this product.
This feature allows you to:
– make or answer cellular calls using your home phone (handset or base unit) with better reception.
– maximise the benefits of cellular services (such as free night and weekend calls, or cellular to cellular call plans) by utilizing unused peak minutes with your home phone.
– conserve the battery power of your cellular phone while the unit is on a cellular call. (We recommend charging your cellular phone during the cellular call as your cellular phone battery is being consumed.)

Important:
● You may pair a maximum of 2 cellular phones and 1 headset. However, the base unit allows only one Bluetooth to be active at a time.
● Locate your cellular phone near the base unit. If the cellular phone is too close to the base unit during a cellular call, you may hear noise. For best performance, we recommend placing the cellular phone between 0.6 m to 3 m away from the base unit.

Pairing a cellular phone

Important:
● Before pairing a Bluetooth enabled cellular phone to the base unit, make sure that no other Bluetooth device such as a Bluetooth headset is connected to your cellular phone.

1 **Handset:**
For CELL 1: **{MENU}** #6241
For CELL 2: **{MENU}** #6242
● After the CELL 1 or CELL 2 indicator on the base unit starts flashing, the

rest of the procedure must be completed within 5 minutes.

2 **Your cellular phone:**
While the CELL 1 or CELL 2 indicator is flashing, follow the instructions of your cellular phone to enter the pairing mode.
● Depending on your cellular phone, it may ask you to enter the base unit PIN (default: **"0000"**).

3 **Handset:**
Wait until a long beep sounds.
● It may take more than 10 seconds to complete pairing.
● When the CELL 1 or CELL 2 indicator lights up, the cellular phone is connected to the base unit. You are ready to make cellular calls.

4 **{OFF}**

Note:
● Make sure that your cellular phone is set to connect to this product automatically. Refer to your cellular phone's operating instructions.
● Make sure you cancel your cellular phone's current pairing if you want to pair it to the other line (page 17).
● The default setting for the text message alert feature is **"On"**, so when you pair your cellular phone to the base unit, this feature may be activated (page 52). (This depends on the version and type of cellular phone you are using.)

Unpairing a cellular phone

You can cancel the pairing of a cellular phone that is stored in the base unit.

Handset

1 For CELL 1: **{MENU}** #6111
For CELL 2: **{MENU}** #6112

2 **{♦}**: **"Yes"** → **{SELECT}**
● When the cellular phone is unpaired, the CELL 1 or CELL 2 indicator is turned off.

3 **{OFF}**

Link to cell settings

Selecting which unit receives cellular calls

You can select which unit rings and receives calls for a cellular line. When **"All"** is selected, all handsets and the base unit ring.

Handset

1 For CELL 1: **[MENU]** #6271
   For CELL 2: **[MENU]** #6272

2 **[↕]**: Select the desired handset or **"All"**.
   → **[SAVE]**

3 **[OFF]**

Note:

● When you select a specific handset to receive calls for a cellular line:
   – other handsets cannot answer the calls.
   – the base unit can answer the calls even though it does not ring. However, you can make the base unit ring by adjusting the base unit ringer volume (page 36).
● When you change the setting to **"All"**, the base unit ringer volume also returns to the lowest level even if the ringer volume has been changed.
● The units selected with this setting have the text message alert feature (page 52) applied to them.

Ring as cell mode

Once this feature is turned on, the handset and base unit ring using the same ringer tone as your cellular phone.
The following settings are available:
– **"Off"**: Turn this feature off to use the ringer tones of the handset and base unit. Caller information is announced depending on the Talking Caller ID setting (page 38).
– **"On (with Talking CID)"** (default): The handset and base unit use your cellular phone's ringer tone. Caller information is announced even if the Talking Caller ID is turned off.
– **"On (without Talking CID)"**: The handset and base unit use your cellular

phone's ringer tone. Caller information is not announced even if the Talking Caller ID is turned on.

Important:

● To use this feature, your cellular phone must support Bluetooth in-band ringtone. Refer to your cellular phone's operating instructions.

Handset

1 For CELL 1: **[MENU]** #6141
   For CELL 2: **[MENU]** #6142

2 **[↕]**: Select the desired setting.

3 **[SAVE]** → **[OFF]**

Note:

● The units use the preset ringer tones (page 37) instead of your cellular phone's ringer tone when a cellular call is being received if:
   – your cellular phone is in night mode (depending on your cellular phone).
   – the base unit is in use.
   – 2 handsets are sharing a landline call.
● If your cellular phone is in night mode with **"On (with Talking CID)"** set, the unit announces caller information even when Talking Caller ID is turned off (page 38).

To use the handset ringer tone instead of your cellular phone's ringer tone

Select **"Off"** in step 2, "Ring as cell mode", page 18.
To change the handset ringer tone for a cellular line, see page 36.

Auto connection to the cellular phone

After pairing, your cellular phone is connected to the base unit. If you move the cellular phone out of base unit range, the cellular phone is disconnected from the base unit. This feature allows the base unit to try to reconnect the cellular phone at regular intervals when it returns within base unit

range. You can set the interval. The default setting is **"1 min"**.

Important:

● When you are using a cellular line or a Bluetooth headset, the base unit loses its connection from other Bluetooth devices (cellular phone or headset). To automatically resume the connection to cellular phones, leave the auto connection on.

● Some cellular phones lose connection after usage, please check the specifications of your cellular phone for more details.

Handset

1 **[MENU]**#632

2 **[⬍]**: Select the desired setting.

3 **[SAVE]** → **[OFF]**

Note:

● Some cellular phones may ask you if you accept the connection requirement from the base unit. In that case, select **"Off"** in step 2. Check the specifications of your cellular phone.

Connecting/disconnecting the cellular phone manually

If you will not be using the paired cellular phone's link to cell feature temporarily (for example, you do not want the unit to ring when your cellular line receives a call), you can disconnect your cellular phone from the base unit. If you want to use it again, reconnect the cellular phone to the base unit.

Note:

● Even if a paired cellular phone was disconnected from the base unit, if it is brought within the base unit's range during the auto connection interval, it may automatically connect to the base unit (page 18).

● A disconnected cellular phone is not unpaired from the base unit, so pairing it to the base unit again is unnecessary.

Handset

1 **To connect/disconnect:**
For CELL 1: **[MENU]**#6251
For CELL 2: **[MENU]**#6252
● A long beep sounds.

2 **[OFF]**

Cellular line only mode (If you do not use the landline)

If you do not use the landline, we recommend setting the unit to the cellular line only mode.

Important:

● If you turn on the **"Cell line only mode"**, disconnect the telephone line cord from the base unit. Otherwise the **"Cell line only mode"** cannot be activated.

Handset

1 **[MENU]**#157

2 **To turn on:**
[⬍]: **"On"** → **[SELECT]** →
[⬍]: **"Yes"** → **[SELECT]**
To turn off:
[⬍]: **"Off"** → **[SELECT]**

Note:

● Once you set this mode, you can use the following buttons to make cellular calls:
  – for the handset, press **[📞]** or **[📢]** instead of **[CELL]** (page 21).
  – for the base unit, press **[📢]** instead of the line button (**[CELL 1]** or **[CELL 2]**) set for the cellular line selection (page 20, 27).

● Once you set this mode, the following features cannot be used:
  – Landline features (page 40)
  – Answering system (page 55) Messages cannot be received.
  – Voice mail features (page 62)

● After this mode is turned on or off, the base unit reboots.
  – Bluetooth connections from cellular phones or headset are disconnected. If the auto connection is turned on (page 18), the cellular phones are reconnected.

– ᵞ will be displayed on the handset momentarily. The handset can be used once ᵞ is displayed.

When you use the landline again

Before connecting the telephone line to the base unit, select **"Off"** in step 2, "Cellular line only mode (If you do not use the landline)", page 19.

Cellular line selection

This feature determines which cellular line is selected to make cellular calls when:
– you press **{CELL}** on the handset.
– you press **{ ➜ }** or **{ ◁ }** on the handset while the cellular line only mode is turned on.
– you press **{ ◁ }** on the base unit while the cellular line only mode is turned on.
The following settings are available:
– **"Manual"** (handset only: default): You can select the desired cellular line when making a call.
– "Cellular phone 1" (base unit default): CELL 1 is selected.
– "Cellular phone 2": CELL 2 is selected.

Handset

1 For handset: **{MENU}**#⃞6⃞3⃞4⃞
For base unit: **{MENU}**#⃞*⃞6⃞3⃞4⃞

2 **{♦}**: Select the desired setting.

3 **{SAVE}** → **{OFF}**

Base unit

1 **{MENU}**#⃞6⃞3⃞4⃞

2 **{♦}**: Select the desired setting.

3 **{SAVE}** → **{EXIT}**

Storing your area code (for local call)

You need to add your area code when making cellular calls to a phone number in your area. Once you store your area code, it is automatically added to the beginning of the

8-digit (for Australia)/7-digit (for New Zealand) phone number when making cellular calls.

Handset

1 **{MENU}**#⃞6⃞3⃞3⃞

2 Enter the 3-digit area code.
● To correct a digit, press **{CLEAR}**.

3 **{SAVE}** → **{OFF}**

Changing the Bluetooth PIN (Personal Identification Number)

The PIN is used to pair cellular phones to the base unit. 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, see page 75.

Handset

1 **{MENU}**#⃞6⃞1⃞9⃞
● If the unit prompts you to enter the old PIN (when the default has been changed), enter the current 4-digit PIN.

2 Enter the new 4-digit PIN. → **{OK}**

3 Enter the new 4-digit PIN again. → **{SAVE}**

4 **{OFF}**

Making cellular calls

Important:

- Only 1 cellular line can be used at a time.
- Before making calls, confirm that the CELL 1 or CELL 2 indicator lights up (page 15).

1 Lift the handset and dial the phone number.
- To correct a digit, press **[CLEAR]**.

2 **[CELL]**
- The unit starts dialling when:
  – only 1 cellular phone is paired.
  – a specific line is set to make cellular calls (page 20).
  Go to step 4.

3 **[ ]**: Select the desired cellular phone. → **[SELECT]**

4 When you finish talking, press **[OFF]** or place the handset on the base unit or charger.

Note:

- To switch to the speaker, press **[ ]**. To switch back to the receiver, press **[ ]**/**[ ]**.

Adjusting the receiver or speaker volume

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

Making a cellular call using the redial list

The last 5 phone numbers dialled are stored in the redial list (each 48 digits max.).

1 **[ ]** REDIAL

2 **[ ]**: Select the desired phone number.

3 **[CELL]**
- The unit starts dialling when:
  – only 1 cellular phone is paired.
  – a specific line is set to make cellular calls (page 20).

4 **[ ]**: Select the desired cellular phone. → **[SELECT]**

Erasing a number in the redial list

■ **When a cellular phone is paired:**

1 **[ ]** REDIAL

2 **[ ]**: Select the desired phone number. → **[MENU]**

3 **[ ]**: "**Erase**" → **[SELECT]**

4 **[ ]**: "**Yes**" → **[SELECT]**

5 **[OFF]**

■ **When a cellular phone is not paired:**

1 **[ ]** REDIAL

2 **[ ]**: Select the desired phone number. → **[ERASE]**

3 **[ ]**: "**Yes**" → **[SELECT]**

4 **[OFF]**

Making landline calls

1 Lift the handset and dial the phone number.
- To correct a digit, press **[CLEAR]**.

2 **[ ]**

3 When you finish talking, press **[OFF]** or place the handset on the base unit or charger.

Using the speakerphone

1 Dial the phone number and press **[ ]**.
- Speak alternately with the other party.

2 When you finish talking, press **[OFF]**.

Note:

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

Making a call using the redial list

The last 5 phone numbers dialled are stored in the redial list (each 48 digits max.).

1 **[ ]** REDIAL

2 **[ ]**: Select the desired phone number.

3 【 ↪ 】

Storing a number to the phonebook

Phone numbers of up to 24 digits can be stored in the phonebook.

■ **When a cellular phone is paired:**

1 【▶】 REDIAL

2 【♦】: Select the desired phone number. → **[MENU]**

3 【♦】: **"Save"** → **[SELECT]**

4 To store the name, continue from step 3, "Editing entries", page 32.

■ **When a cellular phone is not paired:**

1 【▶】 REDIAL

2 【♦】: Select the desired phone number. → **[SAVE]**

3 To store the name, continue from step 3, "Editing entries", page 32.

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 32).
Example: If you need to dial the line access number "9" when making outside calls with a PBX:

1 9 → 【▲】 (Pause)

2 Dial the phone number. → 【 ↪ 】

Note:
● A 3 second pause is inserted each time 【▲】 (Pause) is pressed.

Answering calls

1 Lift the handset and press 【 ↪ 】 or 【📢】 when the unit rings.
● To answer a cellular call, you can also press **[CELL]**.
● 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 **[OFF]** or place the handset on the base unit or charger.

Auto talk

You can answer calls simply by lifting the handset off the base unit or charger. You do not need to press 【 ↪ 】. To turn this feature on, see page 38.

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 **To change the cellular line ringer volume:**
For CELL 1: **[MENU]** # 6 2 8 1
For CELL 2: **[MENU]** # 6 2 8 2
To change the landline ringer volume:
[MENU] # 1 6 0

2 【♦】: Select the desired volume. → **[SAVE]**

3 **[OFF]**

Temporary ringer off

While the unit 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 **[MENU]** during an outside call.

2 【♦】: **"Hold"** → **[SELECT]**

3 **To release hold on the cellular line:**
Press **[CELL]**.
● Another handset user can take the call:
[CELL][*1] → **[SELECT]**

*1 The call is taken when:
– only 1 cellular phone is paired.
– a specific line is set to make cellular calls (page 20).
● The base unit user can take the call by pressing **[CELL 1]** or **[CELL 2]**.
To release hold on the landline:
Press **[↰]**.
● Another handset user can take the call by pressing **[↰]**.
● The base unit 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. After 1 additional minute on hold, the call is disconnected.
● If another phone is connected to the same line, you can also take the landline 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 **[MUTE]** during conversation.
● **[MUTE]** flashes.
2 To return to the conversation, press **[MUTE]** again.

Note:
● **[MUTE]** is a soft key visible on the display during a call.

Recall for landline calls

[RECALL] 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 time, see page 39.

Handset noise reduction

This feature allows you to hear the voice of the person you are talking to clearly, by reducing the surrounding noise coming from the other party's telephone.

Press **[NOISE REDUCTION]** to turn on/off while talking.

Note:
● When this feature is turned on, **NR** is displayed while talking.
● Depending on the environment where this handset is being used, this feature may not be effective.
● This feature is not available using the speakerphone.
● When both the **"Equalizer"** setting and noise reduction are activated, **NR** is shown on the display.

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 **[MENU]** while talking.
2 **[✦]**: **"Equalizer"** → **[SELECT]**
3 **[✦]**: Select the desired setting.
4 Press **[OK]** to exit.

Note:
● When this feature is activated, **EQ** is displayed while talking.
● Depending on the condition and quality of your telephone line, this feature may emphasize 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.

■ **While another unit is on a cellular call:**
1 To join the conversation, press **[CELL]**.
● You can join the conversation when:
– only 1 cellular phone is paired.
– a specific line is set to make cellular calls (page 20).
2 **[✦]**: Select the desired cellular phone. → **[SELECT]**

■ **While another unit is on a landline call:**
To join the conversation, press **[🕻]**.

Note:
● A maximum of 3 parties (including 1 outside party) can join a conversation using 2 extensions. **(3-way conference)**
● To prevent other users from joining your conversations with outside callers, turn privacy mode on (page 39).

Transferring a cellular call between the handset and a cellular phone

Transferring a cellular call from the handset to a cellular phone

1 Press **[MENU]** during a cellular call.

2 **[♦]**: **"Transfer to cell"** →
[SELECT]
● The cellular call is transferred to the cellular phone.

Note:
● Depending on your cellular phone type, you may need to set the cellular phone to be ready to talk before transferring. For example, if your cellular phone has a top cover, open it beforehand.

Transferring a cellular call from a cellular phone to the handset

During a conversation using a cellular phone, the call cannot be transferred to the handset by the cellular phone. Perform the following with the handset.

1 During a conversation using a cellular phone, press **[CELL]**.
● The call is transferred to the handset when:
– only 1 cellular phone is paired.
– a specific line is set to make cellular calls (page 20).

2 **[♦]**: Select the desired cellular phone. →
[SELECT]
● The call is transferred to the handset.

Using the other line during a conversation

You can handle a cellular call and a landline call at the same time. When another call is being received during a conversation, the interrupt tone sounds (page 37), and the 2nd caller's information is displayed if you subscribe to Caller ID (page 46). You can answer the 2nd call while holding the 1st call.

Making/answering a cellular call during a conversation on the landline

1 Press **[MENU]** during a landline call.

2 **[♦]**: **"Hold"** → **[SELECT]**

3 **To make a 2nd call:**
Dial the phone number. → **[CELL]**[*1] →
[♦]: Select the desired cellular phone. →
[SELECT]
*1 The unit starts dialling when:
– only 1 cellular phone is paired.
– a specific line is set to make cellular calls (page 20).

To answer a 2nd call:
[CELL]
● To hold the 2nd call: **[MENU]** → **[♦]**:
"Hold" → **[SELECT]**

4 To hang up the 2nd call and return to the 1st call (landline call), press **[OFF]**, then press **[🕻]**.

Making/answering a landline call during a conversation on a cellular line

1 Press **[MENU]** during a cellular call.

2 **[♦]**: **"Hold"** → **[SELECT]**

3 **To make a 2nd call:**
Dial the phone number. → **[🕻]**
To answer a 2nd call:
[🕻]
● To hold the 2nd call: **[MENU]** → **[♦]**:
"Hold" → **[SELECT]**

4 To hang up the 2nd call and return to the 1st call (cellular call), press **[OFF]**, then press **[CELL]**.

Power back-up operation for landline

When a power failure occurs, the charged handset temporarily supplies power to the base unit (power back-up mode). This allows you to make and receive landline calls using a handset during a power failure. The base unit will not perform any other functions. However, some functions such as Caller ID and shared phonebook are available only when using a handset other than the handset supplying power to the base unit. You can program **"Power failure"** and the default setting is **"Auto"** (page 39).

Important:

● If a handset is not placed on the base unit when a power failure occurs, **"Base no power Press OFF"** is displayed. After pressing **[OFF]** on the handset, place it on the base unit to start power back-up mode.
● Power back-up mode will not work if the battery level of the power supplying handset is □ or □.
● Do not lift the power supplying handset from the base unit during power back-up mode.
● Do not touch the handset's charge contacts during power back-up mode.
● If the battery level is low, the unit will not work sufficiently during power back-up mode. In addition, in case handset battery power runs out, we recommend connecting a corded-type telephone (without AC adaptor) to the same telephone line or to the same telephone line socket using a telephone double adaptor (for Australia)/a BT double adaptor (for New Zealand).

Panasonic Ni-MH battery performance (supplied batteries) during power back-up mode

When the batteries are fully charged, operating time of the handset in power back-up mode varies depending on usage.
– Continuous use of the handset in power back-up mode: 1.5 hours max.

– Continuous use of the handset other than a handset in power back-up mode: 2 hours max.
– Not in use in power back-up mode: 2 hours max.

Note:

● Actual battery performance depends on usage and ambient environment.

Making calls during a power failure

■ **When only 1 handset is registered:**

1 Lift the handset and dial the phone number.

2 Within 1 minute, place the handset on the base unit.
   ● Wait until speakerphone is turned on automatically and the call is made.

3 When the other party answers the call, keep the handset on the base unit and talk using the speakerphone.

4 When you finish talking, press **[OFF]**.

Note:

● In step 2, if you do not place the handset on the base unit within 1 minute, the power back-up mode turns off. In this case, press **[OFF]** on the handset and dial the phone number. Then try again from step 2.

■ **When 2 or more handsets are registered:**
You should leave one handset on the base unit for supplying the power, and use another handset for making calls. For the operation, please see "Making landline calls", page 21.

Note:

● During a call with the handset placed on the base unit (power back-up mode), the call may be disconnected if you touch the handset. In such case, try to call back.
● The range of the base unit is limited during a power failure. Please use the handset close to the base unit.

Making a call using the redial list

■ **When only 1 handset is registered:**

1 Lift the handset.

2 【▶】 REDIAL

3 【↕】: Select the desired phone number.

4 Within 1 minute, place the handset on the base unit.
- Wait until speakerphone is turned on automatically and the call is made.

■ **When 2 or more handsets are registered:**
You should leave one handset on the base unit for supplying the power, and use another handset for making calls. For the operation, please see "Making a call using the redial list", page 21.

Making a call using the shared phonebook

There must be at least 2 handsets registered to the base unit in order for the shared phonebook feature to be used during a power failure.
You should leave one handset on the base unit for supplying the power, and use another handset for making calls.
For the operation, please see "Finding and calling from a phonebook entry", page 31.

Answering calls during a power failure

■ **When only 1 handset is registered:**

1 When the unit rings, keep the handset on the base unit and press **【 ✆ 】** or **【 ◄» 】**.
- Speakerphone is turned on.

2 When you finish talking, press **【OFF】**.

■ **When 2 or more handsets are registered:**
When the unit rings, use a handset which is not supplying power to the base unit. For the operation, please see "Answering calls", page 22.
- Do not use or lift the handset which is placed on the base unit during power back-up mode.

Note:
- During a call with the handset placed on the base unit (power back-up mode), the call may be disconnected if you touch the handset. In such case, try to call back.
- The range of the base unit is limited during a power failure. Please use the handset close to the base unit.

Making cellular calls

1 Dial the phone number.

2 Press **{CELL 1}** or **{CELL 2}**.

3 When the other party answers, speak into the microphone.
   ● Speak alternately with the other party.

4 When you finish talking, press **{ }**.

Note:

● For best performance, use the speakerphone in a quiet environment.

● While on a call, you can switch from the base unit to the handset:
  With the privacy mode off (page 28), press **{CELL}** on the handset. → **{ }**: Select the desired cellular phone. → **{SELECT}** → Press **{ }** on the base unit.
  – When only 1 cellular phone is paired or the line is set to make cellular calls (page 20), press **{CELL}** on the handset, then press **{ }** on the base unit.
  If the handset is on the base unit, simply lift it.

Adjusting the speaker volume

Press **{▲}** or **{▼}** repeatedly while talking.

Making a cellular call using the redial list

The last 10 phone numbers dialled are stored in the redial list (each 48 digits max.).

1 **{REDIAL}**

2 **{ }**: Select the desired phone number.

3 Press **{CELL 1}** or **{CELL 2}**.

Making landline calls

1 Dial the phone number.

2 **{ }**

3 When the other party answers, speak into the microphone.

4 When you finish talking, press **{ }**.

Note:

● While on a call, you can switch from the base unit to the handset:
  – Press **{ }** on the handset, then press **{ }** on the base unit with the privacy mode off (page 28).
  – If the handset is on the base unit, simply lift it.

Making a call using the redial list

The last 10 phone numbers dialled are stored in the redial list (each 48 digits max.).

1 **{REDIAL}**

2 **{ }**: Select the desired phone number.

3 **{ }**

Erasing a number in the redial list

1 **{REDIAL}**

2 **{ }**: Select the desired phone number. → **{ERASE}**

3 **{ }**: "Yes" → **{SELECT}**

4 **{EXIT}**

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 32).

Example: If you need to dial the line access number "9" when making outside calls with a PBX:

1 9 → **{PAUSE}**

2 Dial the phone number. → **{ }**

Note:

● A 3 second pause is inserted each time **{PAUSE}** is pressed.

Answering calls

When a landline call is being received, the SP-PHONE indicator flashes rapidly.
When a cellular call is being received, the CELL 1 or CELL 2 indicator and SP-PHONE indicator flash rapidly.

1 Press **[ ]** when the unit rings.
● You can also answer the cellular call by pressing **[CELL 1]** or **[CELL 2]**.

2 Speak into the microphone.

3 When you finish talking, press **[ ]**.

Adjusting the base unit ringer volume

■ **While the base unit is ringing for an incoming call:**
Press **[ ]** or **[ ]** repeatedly to select the desired volume.

■ **Programming the volume beforehand:**
1 **To change the cellular line ringer volume:**
For CELL 1: **[MENU]** # 6 2 8 1
For CELL 2: **[MENU]** # 6 2 8 2
To change the landline ringer volume:
[MENU] # 1 6 0
2 **[ ]**: Select the desired volume.
3 **[SAVE]** → **[EXIT]**

Useful features during a call

Hold

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

1 Press **[HOLD]** during an outside call.

2 **To release hold on the cellular line:**
Press **[CELL 1]** or **[CELL 2]**.
● A handset user can take the call:
[CELL][*1] → **[SELECT]**
*1 The call is taken when:
  – only 1 cellular phone is paired.

– a specific line is set to make cellular calls (page 20).

To release hold on the landline:
Press **[ ]**.
● A handset user can take the call by pressing **[ ]**.

Note:
● While a landline call is on hold, the SP-PHONE indicator flashes.
● If a call is kept on hold for more than 9 minutes, an alarm tone starts to sound. After 1 additional minute on hold, the call is disconnected.
● If another phone is connected to the same line, you can also take the landline 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 **[MUTE]** during conversation.
● The SP-PHONE indicator on the base unit flashes.

2 To return to the conversation, press **[MUTE]** again.

Recall for landline calls

[RECALL] 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 time, see page 39.

Call share

You can join an existing outside call.
To select the line that is being used for the call:
– for a cellular line press **[CELL 1]** or **[CELL 2]**.
– for the landline press **[ ]**.

Note:
● A maximum of 3 parties (including 1 outside party) can join a conversation using 2 extensions. **(3-way conference)**

● To prevent other users from joining your conversations with outside callers, turn privacy mode on (page 39).

Transferring a cellular call between the base unit and a cellular phone

Transferring a cellular call from the base unit to a cellular phone

During a cellular call, press and hold **[CELL 1]** or **[CELL 2]** until the SP-PHONE indicator goes out.
● The cellular call is transferred to the cellular phone.

Transferring a cellular call from a cellular phone to the base unit

During a conversation using a cellular phone, press **[CELL 1]** or **[CELL 2]**.
● The cellular call is transferred to the base unit.

Using the other line during a conversation

You can handle a cellular call and a landline call at the same time. When another call is being received during a conversation, the interrupt tone sounds (page 40). You can answer the 2nd call while holding the 1st call.

Making/answering a cellular call during a conversation on the landline

1 Press **[HOLD]** during a landline call.

2 **To make a 2nd call:**
Dial the phone number. → Press **[CELL 1]** or **[CELL 2]**.
To answer a 2nd call:
Press **[CELL 1]** or **[CELL 2]**.
● To hold the 2nd call, press **[HOLD]**.

3 To hang up the 2nd call and return to the 1st call (landline call), press **[◁]** 2 times.

Making/answering a landline call during a conversation on a cellular line

1 Press **[HOLD]** during a cellular call.

2 **To make a 2nd call:**
Dial the phone number. → **[◁]**
To answer a 2nd call:
[◁]
● To hold the 2nd call, press **[HOLD]**.

3 To hang up the 2nd call and return to the 1st call (cellular call), press **[◁]**, then press **[CELL 1]** or **[CELL 2]**.

Shared phonebook

The shared phonebook allows you to make calls without having to dial manually. The base unit and any handset registered to the base unit can use the shared phonebook. You can add 3,000 names and phone numbers to the shared phonebook, and assign each phonebook entry to the desired group (**"Home", "Cell 1", "Cell 2"**).

Important:

- Only 1 person can access the shared phonebook at a time.
- Caller ID subscribers can use group ringer tone features (page 47).
- You can copy phonebook entries from a Bluetooth cellular phone to the unit's shared phonebook (page 51).

Adding entries

Handset

1 **[◄]** 📖 → **[MENU]**

2 **[♦]**: **"Add new entry"** → **[SELECT]**

3 Enter the party's name (16 characters max.). → **[OK]**

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

5 **[♦]**: Select the desired group. → **[SELECT]** 2 times
  - To add other entries, repeat from step 3.

6 **[OFF]**

Note for New Zealand:

- Your service provider/telephone company may charge you for a local call if the number dialled has the area code prefix included. If this is unacceptable, dial only the 7-digit local number. Do not dial the "0" prefix or the area code.

Character table for entering names

While entering characters, you can switch between uppercase and lowercase by pressing ✳ (A→a).

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

- To enter another character that is located on the same dial key, first press **[►]** to move the cursor to the next space.
- 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.
- ␣ in the above table represents a single space.

Erasing the character or number

Press **[◄]** or **[►]**. → **[CLEAR]**
- Press and hold **[CLEAR]** to erase all characters or numbers.

Groups

Groups 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 3 groups. You can search for

phonebook entries by group. The group ringer tone feature is available for Caller ID subscribers (page 47).

Finding and calling from a phonebook entry

Scrolling through all entries

■ **Using a cellular line:**

Handset

1 【◄】 📖
2 【♦】: Select the desired entry.
3 **【CELL】**
    ● The unit starts dialling when:
       – only 1 cellular phone is paired.
       – a specific line is set to make cellular calls (page 20).
4 【♦】: Select the desired cellular phone. ➔ **【SELECT】**

Base unit

1 【📖】
2 【♦】: Select the desired entry.
3 Press **【CELL 1】** or **【CELL 2】**.

■ **Using the landline:**

Handset / Base unit

1 Proceed with the operation for your unit.
    Handset: 【◄】 📖
    Base unit: 【📖】
2 【♦】: Select the desired entry.
3 Proceed with the operation for your unit.
    Handset: 【✆】
    Base unit: 【📢】

Searching by first character

Handset / Base unit

1 Proceed with the operation for your unit.
    Handset: 【◄】 📖
    Base unit: 【📖】

2 Press the dial key (【0】 – 【9】 or 【#】) which contains the character you are searching for (page 30).
    ● Press the same dial key repeatedly to display the first 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 To make a cellular/landline call, continue from step 3 for handset or step 3 for base unit, "Scrolling through all entries", page 31.

Searching by query

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

Handset / Base unit

1 Proceed with the operation for your unit.
    Handset: 【◄】 📖 ➔ 【✳】
    Base unit: 【📖】 ➔ 【✳】

2 To search for the name, enter the first characters (up to 4) in uppercase (page 30).
    ● Characters cannot be entered in lowercase.
    ● If there is no entry corresponding to the characters you selected, the next entry is displayed.

3 **【OK】**

4 【♦】: Scroll through the phonebook if necessary.

5 To make a cellular/landline call, continue from step 3 for handset or step 3 for base unit, "Scrolling through all entries", page 31.

Searching by group

Handset / Base unit

1 Proceed with the operation for your unit.
    Handset: 【◄】 📖
    Base unit: 【📖】

2 **【GROUP】**

3 [▲▼]: Select the group you want to search.
→ [SELECT]
● If you select **"All"** on the handset or
"All groups" on the base unit, the
unit ends the group search.

4 [▲▼]: Select the desired entry.

5 To make a cellular/landline call, continue
from step 3 for handset or step 3 for base
unit, "Scrolling through all entries",
page 31.

Editing entries

Handset

1 Find the desired entry (page 31).

2 [MENU] → [▲▼]: **"Edit"** → [SELECT]

3 Edit the name if necessary (16 characters
max.; page 30). → [OK]

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

5 [▲▼]: Select the desired group (page 30).
→ [SELECT] 2 times

6 [OFF]

Erasing entries

Erasing an entry

Handset

1 Find the desired entry (page 31).

2 [MENU] → [▲▼]: **"Erase"** → [SELECT]

3 [▲▼]: **"Yes"** → [SELECT]

4 [OFF]

Base unit

1 Find the desired entry (page 31).

2 [ERASE] → [▲▼]: **"Yes"** → [SELECT]

3 [EXIT]

Erasing all entries in a group

Handset

1 [◄] 📖 → [MENU]

2 [▲▼]: **"Erase all"** → [SELECT]

3 [▲▼]: Select the desired group. →
[SELECT]

4 [▲▼]: **"Yes"** → [SELECT]

5 [▲▼]: **"Yes"** → [SELECT]

6 [OFF]

Base unit

1 [📖] → [ERASE]

2 [▲▼]: Select the desired group. →
[SELECT]

3 [▲▼]: **"Yes"** → [SELECT]

4 [▲▼]: **"Yes"** → [SELECT]

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.

Handset / Base unit

1 Proceed with the operation for your unit.
During an outside call:
Handset: [MENU] → [▲▼]:
"Phonebook" → [SELECT]
Base unit: [📖]

2 [▲▼]: Select the desired entry.

3 Press [CALL] to dial the number.

Note:

● When storing a calling card access number
and your PIN in the phonebook as one
phonebook entry, press [▲] (Pause) to add
pauses after the number and PIN as
necessary (page 22).

Speed dial

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

Adding phone numbers to speed dial keys

■ **By entering phone numbers:**
1 Press and hold the desired speed dial key (⊡ to ⑨). → **[ADD]**
2 **[⬍]**: "Manual" → **[SELECT]**
3 Enter the party's name (16 characters max.). → **[OK]**
4 Enter the party's phone number (24 digits max.). → **[OK]**
5 **[SELECT]** → **[OFF]**

■ **From the shared phonebook:**
1 Press and hold the desired speed dial key (⊡ to ⑨). → **[ADD]**
2 **[⬍]**: "Phonebook" → **[SELECT]**
3 **[⬍]**: Select the desired entry.
4 **[SAVE]** → **[OFF]**

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 (⊡ to ⑨). → **[MENU]**
2 **[⬍]**: "Edit" → **[SELECT]**
3 Edit the name if necessary (16 characters max.; page 30). → **[OK]**
4 Edit the phone number if necessary (24 digits max.). → **[OK]**
5 **[SELECT]** → **[OFF]**

Erasing an entry

1 Press and hold the desired speed dial key (⊡ to ⑨). → **[MENU]**
2 **[⬍]**: "Erase" → **[SELECT]**
3 **[⬍]**: "Yes" → **[SELECT]**
4 **[OFF]**

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 (⊡ to ⑨).

Making a call using a speed dial key

■ **Using a cellular line:**
1 Press and hold the desired speed dial key (⊡ to ⑨).
2 **[CELL]**
● The unit starts dialling when:
– only 1 cellular phone is paired.
– a specific line is set to make cellular calls (page 20).
3 **[⬍]**: Select the desired cellular phone. → **[SELECT]**

■ **Using the landline:**
1 Press and hold the desired speed dial key (⊡ to ⑨).
2 **[📞]**

Programmable settings

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

Handset / Base unit

■ **Scrolling through the display menus**

1 **[MENU]**

2 Press **[▼]** or **[▲]** to select the desired main menu. → **[SELECT]**

3 Press **[▼]** or **[▲]** to select the desired item from the next sub-menus. → **[SELECT]**

4 Press **[▼]** or **[▲]** to select the desired setting. → **[SAVE]**
   ● This step may vary depending on the feature being programmed.
   ● To exit the operation, press **[OFF]** on the handset or **[EXIT]** on the base unit.

■ **Using the direct command code**

1 **[MENU]** → Enter the desired code.
   Example: Press **[MENU]**[#][1][0][1].
   For available code:
   – Handset: see page 34.
   – Base unit: see page 39.

2 Select the desired setting. → **[SAVE]**
   ● This step may vary depending on the feature being programmed.
   ● To exit the operation, press **[OFF]** on the handset or **[EXIT]** on the base unit.

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 menu tree and direct command code table

■ **Handset**

Main menu: 📖 **"Phonebook"**

Operation	Code	☞
Viewing the phonebook entry.	**#280**	31

Main menu: →] **"Caller list"**

Operation	Code	☞
Viewing the caller list.	**#213**	48

Main menu: ⌖ **"Answering device"**

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Play new msg. (**msg.**: message)	–	–	**#323**	57

Sub-menu 1	Sub-menu 2	Settings	Code	☞
`Play all msg.`	–	–	**#324**	57
`Erase all msg.`[*1]	–	–	**#325**	57
`Greeting`	`Record greeting`[*1]	–	**#302**	56
	`Check greeting`	–	**#303**	56
	`Pre-recorded`[*1] (Reset to pre-recorded greeting)	–	**#304**	56
`New message alert`[*1]	`Outgoing call – On/Off`	**1:** `On` **0:** `<Off>`	**#338**	58
	`Outgoing call – Notification to`	–		
	`Outgoing call – Remote code`	**1:** `Activate` **0:** `<Inactivate>`		
	`Base unit beep`	**1:** `On` **0:** `<Off>`	**#339**	58
`Settings`	`Ring count`[*1]	**2-9:** `2-9 rings` `<5 rings>` **0:** `Toll saver`	**#211**	60
	`Recording time`[*1]	**1:** `1 min` **3:** `<3 min>` **0:** `Greeting only`[*2]	**#305**	61
	`Remote code`[*1]	–	**#306**	59
	`Screen call`	**1:** `<On>` **0:** `Off`	**#310**	55
`Answer on`[*1]	–	–	**#327**	55
`Answer off`[*1]	–	–	**#328**	55

Main menu: 🖂 "`V.M. access`"[*3] (V.M.: Voice mail)

Operation	Code	☞
Listening to voice mail messages.	**#330**	62

Main menu: •⫯⫯) "`Intercom`"

Operation	Code	☞
Paging the desired unit.	**#274**	64

Programming

Main menu: ✗ **"Bluetooth"**

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Link to cell – **1: Add new device**[*4] (for CELL 1) – **2: Add new device**[*4] (for CELL 2)	**Connect**[*1]/ **Disconnect**[*1]	–	**#6251**[*5]	19
			#6252[*6]	
	Ringer volume **– Handset**	**0–6: Off**–6 <6>	**#6281**[*5]	22
			#6282[*6]	
	Ringer volume **– Base unit**[*1]	**0–6: Off**–6 <3>	**#✳6281**[*5]	28
			#✳6282[*6]	
	Ringer tone[*7, *8]	**<Tone 2>**[*5] **<Tone 4>**[*6]	**#6291**[*5]	–
			#6292[*6]	
	Select unit to **ring**[*1]	**1–6: Handset 1–6** **✳: <All>**	**#6271**[*5]	18
			#6272[*6]	
	Ring as cell **(limited)**[*1]	**1: <On (with** **Talking CID)>** **2: On (without** **Talking CID)** **0: Off**	**#6141**[*5]	18
			#6142[*6]	
	Pair	–	**#6241**[*5]	17
			#6242[*6]	
	Unpair	–	**#6111**[*5]	17
			#6112[*6]	
Phonebook **transfer**	–	–	**#618**	51
Headset	**Add new device**[*4]	–	**#621**	52
	Connect[*1]/ **Disconnect**[*1]	–	**#622**	53
	Pair	–	**#621**	52
	Unpair	–	**#612**	53

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Sub-menu 1	Sub-menu 2	Settings	Code	☞
`Settings`	`Auto connect`[1]	**1:** `<1 min>` **2:** `3 min` **3:** `5 min` **4:** `10 min` **0:** `Off`	**#632**	18
	`Cell area code`[1]	–	**#633**	20
	`Cell line only mode`[1]	**1:** `On` **0:** `<Off>`	**#157**	19
	`Cell line select – Handset`	**1:** `Cellphone 1`[4] **2:** `Cellphone 2`[4] **0:** `<Manual>`	**#634**	20
	`Cell line select – Base unit`[1]	**1:** `<Cellphone 1>`[4] **2:** `Cellphone 2`[4]	**#✱634**	
	`Set PIN`[1]	`<0000>`	**#619**	20

Main menu: ⏲ "`Set date & time`"

Sub-menu 1	Sub-menu 2	Settings	Code	☞
`Date and time`[1]	–	–	**#101**	16
`Alarm`	–	**1:** `Once` **2:** `Daily` **0:** `<Off>`	**#720**	41
`Time adjustment`[1, 9]	–	**1:** `<Caller ID auto>` **0:** `Manual`	**#226**	–

Main menu: 🔧 "`Initial setting`"

Sub-menu 1	Sub-menu 2	Settings	Code	☞
`Ringer setting`	`Ringer volume`[3]	**0–6:** `Off`–6 `<6>`	**#160**	22
	`Ringer tone`[3, 7, 8] (Handset)	`<Tone 1>`	**#161**	–
	`Interrupt tone – Handset`[10]	**1:** `<On>` **0:** `Off`	**#201**	24
	`Interrupt tone – Base unit`[1, 10]	**1:** `<On>` **0:** `Off`	**#✱201**	29
	`Night mode – On/Off`	**1:** `On` **0:** `<Off>`	**#238**	42
	`Night mode – Start/End`	`<11:00 PM/06:00 AM>`	**#237**	42

Programming

Sub-menu 1	Sub-menu 2	Settings	Code	☞
`Set date & time`	`Date and time`[1]	–	**#101**	16
	`Alarm`	**1:** `Once` **2:** `Daily` **0:** `<Off>`	**#720**	41
	`Time adjustment`[1], [9]	**1:** `<Caller ID auto>` **0:** `Manual`	**#226**	–
`Talking Caller ID`	`Handset`	**1:** `<On>` **0:** `Off`	**#162**	47
	`Base unit`[1]	**1:** `<On>` **0:** `Off`	**#✱162**	
`Handset name`	–	–	**#104**	42
`Key Finder setting`[11] – **1:** `Add new device` (for `Finder1`)[12] – **2:** `Add new device` (for `Finder2`) – **3:** `Add new device` (for `Finder3`) – **4:** `Add new device` (for `Finder4`)	`Change name`[1]	`Finder1`	**#6561**	–
		`Finder2`[13]	**#6562**[14]	
		`Finder3`[13]	**#6563**[14]	
		`Finder4`[13]	**#6564**[14]	
	`Registration`	–	**#6571**	–
			#6572[14]	
			#6573[14]	
			#6574[14]	
	`Deregistration`	–	**#6581**	–
			#6582[14]	
			#6583[14]	
			#6584[14]	
`Caller barred`[1]	–	–	**#217**	43
	`First ring`[1]	**1:** `<On>` **0:** `Off`	**#173**	43
`Speed dial`	–	–	**#261**	33
`Voice mail`[3]	`Store VM access#`[1] (`VM`: Voice mail)	–	**#331**	62
`LCD contrast` (Display contrast)	–	**1–6:** Level 1–6 <3>	**#145**	–
`Key tone`[15]	–	**1:** `<On>` **0:** `Off`	**#165**	–
`Landline area code`[1], [3]	–	–	**#255**	48
`Auto talk`[16]	–	**1:** `On` **0:** `<Off>`	**#200**	22

Sub-menu 1	Sub-menu 2	Settings	Code	☞
`Set tel line`[3]	`Set recall time`[1, 17, 18]	**0:** `900 ms` **1:** `700 ms` **2:** `600 ms` **3:** `400 ms` **4:** `300 ms` **5:** `250 ms` **✱:** `200 ms` **#:** `160 ms` **6:** `110 ms` **7:** `<100 ms>` **8:** `90 ms` **9:** `80 ms`	**#121**	23
	`Set line mode`[1, 19]	**1:** `A` **2:** `<B>`	**#122**	–
`Privacy mode`[1]	–	**1:** `On` **0:** `<Off>`	**#194**	23, 28
`Repeater mode`[1]	–	**1:** `On` **0:** `<Off>`	**#138**	45
`Registration`	`Register handset`	–	**#130**	45
	`Deregistration`[2]	–	**#131**	45
`Country`[1]	–	**1:** `<Australia>` **2:** `Newzealand`	**#136**	44
`Power failure`	–	**1:** `<Auto>` **0:** `Off`	**#152**	25

Main menu: ⊚ "`Key Finder`"[11]

Sub-menu 1	Sub-menu 2	Settings	Code	☞
`Search`	–	–	**#655**	–
`Battery check`	–	–		

■ **Base unit**

Main menu: 📖 "`Phonebook`"

Operation	Code	☞
Viewing the phonebook entry.	**#280**	31

Main menu: ➔] "`Caller list`"

Operation	Code	☞
Viewing the caller list.	**#213**	48

Main menu: 🔲📞 "Answer device"

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Screen call	–	<On> Off	#310	55

Main menu: ⓫ "Bluetooth"

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Link to cell[20] – Cellular phone 1[4] – Cellular phone 2[4]	Ringer volume	Off–6 <3>	#6281[5]	28
			#6282[6]	
	Text msg. alert (msg.:message)	<On> Off	#6101[5]	52
			#6102[6]	
Headset[21]	Connect[1]/ Disconnect[1]	–	#622	–
Cell line	–	<Cellphone 1>[4]	#634	20
Ph.book setting (Ph.book: Phonebook)	International	–	#117	51
	Country code	–	#118	
	National access	–	#119	

Main menu: 📞 "Initial setting"

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Ringer setting	Ringer volume	Off–6 <3>	#160	28
	Interrupt tone[1, 10]	<On> Off	#201	29
	Night mode – On/Off	On <Off>	#238	42
	Night mode – Start/End	<11:00 PM/ 06:00 AM>	#237	42
Talking CID	–	<On> Off	#162	47
Caller barred[1]	–	–	#217	43
	First ring[1]	<On> Off	#173	43
LCD contrast (Display contrast)	–	Level 1–6 <3>	#145	–

*1 If you program these settings using one of the units, you do not need to program the same item using another unit.
*2 This menu is not displayed when scrolling through the display menus. It is only available in direct command code.
*3 When the cellular line only mode is turned on, these menus are not displayed (page 19).
*4 After the Bluetooth device is paired, the device name is displayed.
*5 For CELL 1
*6 For CELL 2

*7   If you select one of the melody ringer tones, it will continue 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.

*8   The preset melodies in this product are used with permission of © 2009 Copyrights Vision Inc.

*9   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 auto"**. To turn this feature off, select **"Manual"**. (Caller ID subscribers only)
      To use this feature, set the date and time first (page 16).

*10 This tone lets you know when you receive an outside call while you are on another line or an intercom call. If you select **"On"**, the tone sounds 2 times.

*11 This setting is available when you have the key finder (KX-TGA20AZ). Read the installation guide for more information on the key finder.

*12 For models with supplied key finders, the display shows **"1: Finder1"**.

*13 If you register 2 or more key finders.

*14 If you have 2 or more key finders.

*15 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.

*16 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.

*17 The recall time depends on your telephone exchange or host PBX. Contact your PBX supplier if necessary.
      You can access your service provider/telephone company "call waiting" service by having the recall time set at **"100 ms"**, and then follow your service provider/telephone company "call waiting" instructions to operate this service. (for Australia)

*18 The default setting will be as follows if you select the following regional code when changing the unit's region setting (page 44):
      "Newzealand" = "600 ms"

*19 Generally, the line mode setting should not be changed. This setting automatically maintains receiver volume at the proper level depending on the current telephone line condition. Set the line mode to **"A"** if telephone line condition is not good.

*20 This setting is available when a cellular phone is paired.

*21 This setting is available when a headset is paired.

Special programming

Alarm

An alarm sounds at the set time for 3 minutes once or daily. Alarm can be set for each handset.

Important:

● Set the date and time beforehand (page 16).

Handset

1   **[MENU]**#720

2   **[⬍]**: Select the desired alarm option. →
    [SELECT]

"Off"	Turns alarm off. Go to step 7.
"Once"	An alarm sounds once at the set time.
"Daily"	An alarm sounds daily at the set time. Go to step 4.

3 Enter the desired date and month. →
【OK】

4 Set the desired time.

5 ✳: Select **"AM"** or **"PM"**. → 【OK】

6 【♣】: Select the desired alarm tone. →
【SELECT】
● We recommend selecting a different
ringer tone from the one used for
outside calls.

7 【SELECT】 → 【OFF】
● When the alarm is set, ⏰ is displayed.

Note:
● To stop the alarm, press 【OFF】 or place
the handset on the base unit or charger.
● When the handset is in use, the alarm will
not sound until the handset is in standby
mode.

Night mode

Night mode allows you to select a period of
time during which the handset and/or base
unit 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 unit.

Important:
● Set the date and time beforehand
(page 16).
● If you have set the alarm, the alarm sounds
even if the night mode is turned on.

Turning night mode on/off

Handset

1 【MENU】#238

2 【♣】: Select the desired setting. →
【SAVE】
● If you select **"Off"**, press 【OFF】 to
exit.

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

4 ✳: Select **"AM"** or **"PM"**. → 【OK】

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

6 ✳: Select **"AM"** or **"PM"**.

7 【SAVE】 → 【OFF】
● When the night mode is set, 🌙 is
displayed.

Base unit

1 【MENU】#238

2 【♣】: Select the desired setting. →
【SAVE】
● If you select **"Off"**, press 【EXIT】 to
exit.

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

4 【AM/PM】: Select **"AM"** or **"PM"**. → 【OK】

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

6 【AM/PM】: Select **"AM"** or **"PM"**.

7 【SAVE】 → 【EXIT】
● When the night mode is set, 🌙 is
displayed.

Changing the start and end time

Handset / Base unit

1 【MENU】#237

2 Continue from step 3 for handset or step
3 for base unit, "Turning night mode on/
off", page 42.

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.

Handset

1 【MENU】#104

2 Enter the desired name (max. 10
characters; see the character table,
page 30).
● If not required, go to step 3.

3 **[SAVE]**

4 **[⬍]**: Select the desired setting. →
[SELECT] 2 times

5 **[OFF]**

Incoming call barring (Caller ID subscribers only)

This feature allows the unit to reject calls when the unit receives a call from a phone number stored in the call barred list as unwanted ("Storing unwanted callers", page 43).
When a call is received, the unit rings for a short time[*1] while the caller is being identified. If the phone number matches an entry in the call barred list, the unit emits no sound to the caller, and disconnects the call.

[*1] This is called first ring. If you do not want the first ring to sound, turn this setting to **"Off"** (page 43).

Important:

● When the unit receives a call from a number that is stored in the call barred list, the call is logged in the caller list (page 48) with ✕☻ after the call is disconnected.

● You can program this setting using either the base unit or one of the handsets.

Storing unwanted callers

You can store up to 250 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:**

Handset

1 **[▼]** CID

2 **[⬍]**: Select the entry to be blocked.

3 **[MENU]**

4 **[⬍]**: **"Save CID"** → **[SELECT]**

5 **[⬍]**: **"Caller barred"** → **[SELECT]**

6 **[⬍]**: **"Yes"** → **[SELECT]**

7 Edit the phone number if necessary (24 digits max.).

8 **[SAVE]** → **[OFF]**

Base unit

1 **[CID]**

2 **[⬍]**: Select the entry to be blocked.

3 **[SAVE]**

4 **[⬍]**: **"Caller barred"** → **[SELECT]**

5 **[⬍]**: **"Yes"** → **[SELECT]**

6 Edit the phone number if necessary (24 digits max.).

7 **[SAVE]** → **[EXIT]**

■ **By entering phone numbers:**

Handset

1 **[MENU]**#217

2 **[MENU]** → **[⬍]**: **"Add"** → **[SELECT]**

3 Enter the phone number (24 digits max.).
● To erase a digit, press **[CLEAR]**.

4 **[SAVE]** → **[OFF]**

Base unit

1 **[MENU]**#217 → **[ADD]**

2 Enter the phone number (24 digits max.).
● To erase a digit, press **[CLEAR]**.

3 **[SAVE]** → **[EXIT]**

Setting the first ring for the call barred list

Handset / Base unit

If you do not want the first ring from a number on the call barred list to sound, turn the first ring setting to **"Off"**. The default setting is **"On"**.

1 **[MENU]**#173

2 **[⬍]**: Select the desired setting. →
[SAVE]

3 Proceed with the operation for your unit.
Handset: [OFF]
Base unit: [EXIT]

Viewing/editing/erasing call barred numbers

Handset

1 **[MENU]** # 2 1 7

2 **[⬍]**: Select the desired entry.
● To exit, press **[OFF]**.

3 **To edit a number:**
[EDIT] → Edit the phone number. →
[SAVE] → **[OFF]**
To erase a number:
[ERASE] → **[⬍]**: "**Yes**" → **[SELECT]**
→ **[OFF]**

Base unit

1 **[MENU]** # 2 1 7

2 **[⬍]**: Select the desired entry.
● To exit, press **[EXIT]**.

3 **To edit a number:**
[EDIT] → Edit the phone number. →
[SAVE] → **[EXIT]**
To erase a number:
[ERASE] → **[⬍]**: "**Yes**" → **[SELECT]**
→ **[EXIT]**

Note for handset and base unit:
● When editing, press the desired dial key to add, **[CLEAR]** to erase.

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

Important:
● When you install the batteries for the first time, the handset may prompt you to set region setting. First press **[SELECT]**, then proceed to step 2.

1 **[MENU]** # 1 3 6

2 **[⬍]**: Select the desired country. →
[SELECT]
"**Australia**" = Australia
"**Newzealand**" = New Zealand

3 **[⬍]**: "**Yes**" → **[SELECT]** → **[OFF]**

Note:
● The following items will be deleted or reset to their default settings:

– Answering system settings (page 34)
– New message alert
– Time adjustment
– Base unit ringer volume
– Base unit speaker volume
– Landline area code
– Line mode
– Privacy mode
– Bluetooth settings (page 37, 40)
– Ringer ID
– Talking Caller ID (Base unit setting only)
– Caller list
– Voice mail messages and access number
– Cellular phones settings (Base unit setting only) (page 36, 40)
– Night mode (Base unit setting only)
● The following items will be retained:
– Date and time
– Shared phonebook
– Handset name
– Repeater mode
– Recordings, including your greeting message, and caller messages
– Call screening
– Call barred list
– Cellular phones pairing
– Headset pairing
● If you select the desired country in step 2, the following default setting will be changed for the selected country's default setting:
– Recall time (page 39)
● After changing the unit's region setting/ resetting the base unit, ⵏ may be displayed on the handset momentarily. This is normal and the handset can be used once ⵏ is displayed.

Registering a unit

Operating additional units

Additional handsets

Up to 6 handsets can be registered to the base unit.

Important:
● See page 5 for information on the available model.

Registering a handset to the base unit

The supplied handset and base unit are pre-registered. If for some reason the handset is not registered to the base unit, re-register the handset.

1 **Handset:**
   [MENU]#130

2 **Base unit:**
   Press and hold **[LOCATOR]** for about 5 seconds until the registration tone sounds.
   ● If all registered handsets start ringing, press **[LOCATOR]** again to stop, then repeat this step.
   ● The next step must be completed within 90 seconds.

3 **Handset:**
   Press **[OK]**, then wait until a long beep sounds.

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.

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 **[MENU]#131**
   ● All handsets registered to the base unit are displayed.

2 **[⬍]:** Select the handset you want to cancel. → **[SELECT]**

3 **[⬍]:** **"Yes"** → **[SELECT]**

4 **[OFF]**

Increasing the range of the base unit

You can increase the signal range of the base unit by using a DECT repeater. Please use

only the Panasonic DECT repeater noted on page 4. 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

Handset

1 **[MENU]#138**

2 **[⬍]:** Select the desired setting. → **[SAVE]** → **[OFF]**

Note:

● After turning the repeater mode on or off, ⱶ may be displayed on the handset momentarily. This is normal and the handset can be used once Ⱶ is displayed.

Registering the DECT repeater (KX-A405AL) 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 **[LOCATOR]** for about 5 seconds until the registration tone sounds.
   ● The next step must be completed within 90 seconds.

2 **DECT repeater:**
   Connect the AC adaptor, then wait until the (i) indicator and Ⱶ indicator light green.

3 **Base unit:**
   To exit the registration mode, press **[LOCATOR]**.
   ● The registration tone stops.

Using Caller ID service

Important:

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

For New Zealand:

● For all local and national incoming calls, your display will show the area code (e.g. 09 for Auckland) or the cellular prefix (e.g. 0274 for Telecom Cellular) followed by the caller's telephone number. An Auckland caller's number will be displayed as 09XXXXXXX. The seven X's represent the seven digits of the caller's telephone number. A caller from a 6-digit Telecom Cellular number will be displayed as 0274XXXXXX. For incoming international calls, your display may only show "0000". For business users on a Centrex line, your display will show Centrex extension numbers in the shorter extension number format used within your company.

● The Caller ID information will not be presented on incoming fax calls if Telecom FaxAbility is used.

Using toll services from Telecom or another company (for New Zealand)

Your telephone company may charge you for a local call if the number dialled has the area code prefix included. If this is unacceptable, dial only the 7-digit local number. Do not dial the "0" prefix or the area code.

Caller ID features

 Handset / Base unit

When an outside call is being received, the caller information 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"**[1] / **"Private"**[2]: 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.

[1] Handset
[2] Base unit

Missed calls

 Handset / Base unit

If a call is not answered, the unit treats it as a missed call. The display shows **"Missed call"**.

Note:

● Even when there are unviewed missed calls, **"Missed call"** disappears from the standby display if the following operation is performed by one of the units:
– A handset is replaced on the base unit or charger.
– Pressing **[OFF]** on a handset.
– Pressing **[EXIT]** on the base unit.

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.

Call waiting and Caller ID compatible (for Australia)

 Handset / Base unit

If you subscribe to Caller ID service, your base unit or handset displays the 2nd caller's information while talking. After you hear a call waiting tone, the caller's phone number will be displayed.
You can answer the 2nd call, keeping the 1st call on hold. Follow your service provider/telephone company instructions using **[CALL WAIT]**. (Recall function)

- If the phone number is stored in the phonebook with its name, the caller's name will also be displayed.
- Please contact your service provider/telephone company for details and availability in your area.

For Caller ID Type II users

When you receive a 2nd call during a conversation, you will hear a signal tone following the call waiting tone and the **conversation will be interrupted or muted for a short period of time.** This is not a fault of the product as these events are normal.

- The tones are generated by your service provider/telephone company.

For Call Waiting or Call Waiting Caller ID service users (for New Zealand)

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 on the base unit or handset that is in use after you hear the call waiting tone.

Handset / Base unit

1 Press **[CALL WAIT]** to answer the 2nd call.

2 To switch between calls, press **[CALL WAIT]**.

Note:

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

Talking Caller ID

Handset / Base unit

This feature let you know who is calling by announcing the caller information.

To use this feature, you must:
– subscribe to a Caller ID service of your service provider/telephone company.
– turn this feature on (page 38, 40).
– store the name and phone number in the phonebook (page 30).

Phonebook name announcement

When caller information is received from your service provider/telephone company and it matches a phone number stored in the phonebook, the stored name is announced following every ring.
If that phone number has not been stored in the phonebook, the caller information is announced.

Note:

- Name pronunciation may vary. This feature may not pronounce all names correctly.
- The announcement is heard at the same level as the ringer volume (page 22, 28, 37, 40).
- Depending on the number of rings setting (page 60), the answering system may answer calls before announcing the caller information.
- When you receive a call while on the phone, the 2nd caller information is not announced even if you subscribe to both Caller ID and Call Waiting with Caller ID services.

Ringer ID for handset

You can select the desired ringer tone to a group that each phonebook entry is assigned (page 30). When a call is received from a caller assigned to a group, the ringer tone you selected for that group rings instead of the called line's ringer tone (page 18, 36, 37) after caller information is displayed. If you select **"Current ringer"** (default), the unit uses the called line's ringer tone you selected on page 37 when calls from this group are received.

- The ringer may be changed after the 2nd ring.

Handset

1 **[◄]** 🕮 → **[MENU]**

2 【♦】: "Group" → 【SELECT】

3 【♦】: Select the desired group. →
【SELECT】

4 【♦】: Select the desired ringer tone. →
【SAVE】

5 【OFF】

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 16).

Viewing the caller list and calling back

■ **Using a cellular line**

Handset

1 【▼】 CID

2 Press 【▼】 to search from the most recent
call, or 【▲】 to search from the oldest call.

3 To call back, press 【SELECT】.
To exit, press 【OFF】.

4 【CELL】
● The unit starts dialling when:
– only 1 cellular phone is paired.
– a specific line is set to make cellular
calls (page 20).

5 【♦】: Select the desired cellular phone. →
【SELECT】

Base unit

1 【CID】

2 Press 【▼】 to search from the most recent
call, or 【▲】 to search from the oldest call.

3 To call back, press 【CELL 1】 or 【CELL
2】.
To exit, press 【EXIT】.

■ **Using the landline**

Handset / Base unit

1 Proceed with the operation for your unit.
Handset: 【▼】 CID
Base unit: 【CID】

2 Press 【▼】 to search from the most recent
call, or 【▲】 to search from the oldest call.

3 Proceed with the operation for your unit.
Handset:
– To call back, press 【✆】.
– To exit, press 【OFF】.
Base unit:
– To call back, press 【🔊】.
– To exit, press 【EXIT】.

Note for handset and base unit:

● If the entry has already been viewed or
answered, "✓" is displayed, even if it was
viewed or answered using another unit.

● In step 2 for handset or step 2 for base unit,
if ▶ is displayed, not all of the information is
shown. To see the remaining information:
Handset:
Press 【►】.
To return to the previous screen, press 【◄】.
Base unit:
Press 【►►I】.
To return to the previous screen, press
【I◄◄】.

● C1 or C2 indicates the caller information
was received from the cellular line.

● If you do not want to dial the area code
when making landline calls from the caller
list, you can store the area code which you
want the unit to delete automatically
(page 48).

Storing an area code to be deleted automatically (for landline call)

In some situations, phone numbers stored
automatically in the caller list (page 48) will
include area codes. If you do not want to dial
the area code when making landline calls from
the caller list, you can store the area code
which you want the unit to delete automatically.
Example: You have stored the area code
"09". If you make a landline call from the caller

list to the phone number "09-456-7890", the unit dials "456-7890".

Handset

1 **[MENU]** #️⃣ 2️⃣ 5️⃣ 5️⃣

2 Enter an area code (5 digits max.). → **[SAVE]** → **[OFF]**

Note:
● This feature does not affect a voice mail access number with an area code (page 62).

Note for New Zealand:
● The use of this feature can prevent a National Call from being dialled. E.g., in the case of the South Island, the "03" will be omitted and will therefore prevent a National Call to other areas of the South Island.

To erase your area code

Handset

1 **[MENU]** #️⃣ 2️⃣ 5️⃣ 5️⃣

2 Press and hold **[CLEAR]** until all digits erased. → **[SAVE]** → **[OFF]**

Editing a caller's phone number before calling back

The caller's telephone number, which is sent to your telephone from your local telephone exchange, includes "0" and an area code prefix. For local calls, "0" and the area code prefix can be omitted. (for New Zealand)

Handset

■ **When a cellular phone is paired:**

1 **[▼]** CID

2 **[♦]**: Select the desired entry.

3 **[SELECT]** → Add or erase digits to the beginning of the number as necessary.
● To add a digit, press the desired dial key.
● To erase a digit, press **[CLEAR]**.

4 **Using a cellular line:**
To make a cellular call, continue from step 4, "Viewing the caller list and calling back", page 48.
Using the landline:
[📞]

■ **When a cellular phone is not paired:**

1 **[▼]** CID

2 **[♦]**: Select the desired entry.

3 **[MENU]** → **[♦]**: **"Edit"** → **[SELECT]**

4 Add or erase digits to the beginning of the number as necessary.
● To add a digit, press the desired dial key.
● To erase a digit, press **[CLEAR]**.

5 **[📞]**

Base unit

1 **[CID]**

2 **[♦]**: Select the desired entry.

3 **[EDIT]** → Add or erase digits to the beginning of the number as necessary.
● To add a digit, press the desired dial key.
● To erase a digit, press **[CLEAR]**.

4 **Using a cellular line:**
To make a cellular call, continue from step 3, "Viewing the caller list and calling back", page 48.
Using the landline:
[📢]

Note for handset and base unit:
● The edited phone number is not saved in the caller list.

Erasing selected caller information

Handset

■ **When a cellular phone is paired:**

1 **[▼]** CID

2 **[♦]**: Select the desired entry.

3 **[MENU]** → **[♦]**: **"Erase"** →
[SELECT]

4 **[♦]**: **"Yes"** → **[SELECT]**

5 **[OFF]**

■ **When a cellular phone is not paired:**

1 **[▼]** CID

2 **[♦]**: Select the desired entry.

3 **[ERASE]** → **[♦]**: **"Yes"** →
[SELECT]

4 **[OFF]**

Base unit

1 **[CID]**

2 **[♦]**: Select the desired entry.

3 **[ERASE]** → **[♦]**: **"Yes"** → **[SELECT]**

4 **[EXIT]**

Erasing all caller information

Handset / Base unit

1 Proceed with the operation for your unit.
Handset: [▼] CID
Base unit: [CID]

2 **[ERASE]** → **[♦]**: **"Yes"** → **[SELECT]**

3 **Handset: [OFF]**

Storing caller information to the phonebook

Handset

1 **[▼]** CID

2 **[♦]**: Select the desired entry.

3 **[MENU]**

4 **[♦]**: **"Save CID"** → **[SELECT]**

5 **[♦]**: **"Phonebook"** → **[SELECT]**

6 Continue from step 3, "Editing entries",
page 32.

Base unit

1 **[CID]**

2 **[♦]**: Select the desired entry.
● To edit the number, press **[EDIT]**.
Then add or erase digits to the
beginning of the number as necessary.

3 **[SAVE]**

4 **[♦]**: **"Phonebook"** → **[SELECT]**

5 **[EXIT]**

Note for base unit:
● If you stored caller information to the
phonebook using the base unit, the entry is
automatically assigned to **"Home"**.
● If you want to edit the caller name, you can
do so using the handset (page 32).

Copying phonebook from a cellular phone (phonebook transfer)

You can copy phonebook entries from the paired cellular phones or other cellular phones (not paired) to the unit's shared phonebook. A cellular phone must be compatible with Bluetooth wireless technology.

Important:

- If a copied entry has 2 or more phone numbers, each phone number (6 max.) is stored as a separate entry with the same name.
- If a phonebook entry includes additional data such as a picture, that entry may fail to copy to the base unit.
- If your cellular phone includes international call entries, set the conversion codes before copying (page 51).

1 **Handset:**
   [MENU]#618

2 **Handset:**
   To copy from paired cellular phones:
   [♦]: Select the desired cellular phone. →
   [SELECT]
   - Copied items are stored to the group (**"Cell 1"** or **"Cell 2"**) which the cellular phone is paired to.
   To copy from other cellular phones (not paired):
   [♦]: **"Other cell"** → **[SELECT]** →
   [♦]: Select the group you want to copy to.
   → **[SELECT]**

3 **When "Use the cell to transfer phone book" is displayed:**
   Go to step 4.
   When "Select mode" menu is displayed:
   [♦]: Select **"Auto"** or **"Manual"**. →
   [SELECT]
   "Auto": Download all entries from the cellular phone automatically. Go to step 5.
   "Manual": Copy entries you selected.
   - **"Select mode"** menu is displayed only when the cellular phone supports

PBAP (Phone Book Access Profile) for Bluetooth connection.
- Some cellular phones may require you to perform an operation on the cellular phone even if you select **"Auto"**.

4 **Cellular phone:**
   Follow the instructions of your cellular phone to copy phonebook entries.
   - For other cellular phones (not paired), you need to search for and select the base unit. The base unit PIN (default: **"0000"**) may be required.
   - The entries being copied are displayed on the handset.

5 **Handset:**
   Wait until **"Completed"** is displayed.
   - You can continue copying other entries if necessary.

6 **Handset: [OFF]**

Note:
- Some copied entries may have characters which do not exist in the character table (page 30). 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.

Setting conversion codes

You must first set the following 3 dialling codes in the base unit which you want to copy to before transferring the phonebook from your cellular phone (each 4 digits max.).
- **"International"**: An international prefix used when you make an international call.
- **"Country code"**: Your country code for international calls.
- **"National access"**: A trunk prefix; the initial digit(s) to be dialled in a domestic call, prior to the area code.

Base unit

1 **[MENU]**

2 To store **"International"**: $\boxed{\#}\boxed{1}\boxed{1}\boxed{7}$
   To store **"Country code"**: $\boxed{\#}\boxed{1}\boxed{1}\boxed{8}$
   To store **"National access"**:
   $\boxed{\#}\boxed{1}\boxed{1}\boxed{9}$

3 Enter the desired number. → **[SAVE]**

4 **[EXIT]**

Note:
- After you copy the entries, confirm that the numbers were transferred correctly.

Text message alert

This feature sets the handset and base unit to notify the arrival of a new text message on a cellular phone that is paired with the base unit. This notification is displayed momentarily on both the handset and the base unit, and announced. The default setting is **"On"**.

Important:
- To use the text message alert feature, you need to pair your cellular phone to the base unit (page 17).
- Your cellular phone must support Message Access Profile (MAP) specification. We recommend that you confirm if your cellular phone supports MAP in advance.

For those whose devices do not support the Message Access Profile (MAP):
By installing the application "Text Message Alert", you can use the text message alert feature. Please visit our Web site: http://www.panasonic.net/pcc/support/tel/sms/

- Refer to your cellular phone operating instructions for information on how to install applications.

Text message alert settings

Your cellular phone

To use this text message alert feature,

you may need to turn on the notification of Bluetooth setting on your cellular phone.

Base unit

1 For CELL 1: **[MENU]**$\boxed{\#}\boxed{6}\boxed{1}\boxed{0}\boxed{1}$
   For CELL 2: **[MENU]**$\boxed{\#}\boxed{6}\boxed{1}\boxed{0}\boxed{2}$

2 **[♦]**: Select the desired setting.

3 **[SAVE]** → **[EXIT]**

Note:
- If the text message alert feature does not work, you must turn on notifications in the Bluetooth settings of your cellular phone. Then, unplug the base unit's AC adaptor and reconnect it to activate the text message alert feature. For instructions on how to do this, visit our Web site: http://www.panasonic.net/pcc/support/tel/sms/
- The unit cannot display or announce that a text message has been received during a call.
- Text message alerts are not logged in the caller list of your unit.

Using a Bluetooth wireless headset (optional) for landline calls

By pairing a Bluetooth headset to the base unit, you can have a hands-free conversation wirelessly for landline calls.

Important:
- 1 headset can be paired to the base unit. However, only one Bluetooth device (cellular phone or headset) can be connected to the base unit at a time.
- For best performance, we recommend using a Bluetooth headset within 1 m of the base unit. A headset can communicate with the base unit within a range of approximately 10 m.

Pairing a headset to the base unit

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

1 **Your headset:**
   Set your headset to pairing mode.

● Refer to the headset operating instructions.

2 **Handset:**
[MENU] # 6 2 1

3 **If your headset PIN is "0000",** go to step 4.
If your headset PIN is other than "0000", press **[CLEAR]**, then enter your headset PIN.
● Typically, default PIN is **"0000"**. Refer to the headset operating instructions.

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

5 **[OFF]**
● When 🔵 is displayed on the base unit, the headset is available for use.

Connecting/disconnecting a headset

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

Important:

● Make sure that the headset is turned on.

Handset / Base unit

1 **To connect/disconnect:**
[MENU] # 6 2 2
● A long beep sounds.

2 Proceed with the operation for your unit.
Handset: [OFF]
Base unit: [EXIT]

Unpairing a headset

You can cancel a pairing of the headset that is stored to the base unit.

Handset

1 **[MENU] # 6 1 2**

2 **[▲]: "Yes"** → **[SELECT]**
● When the headset is unpaired, the 🔵 disappears from the base unit display.

3 **[OFF]**

Operating a Bluetooth wireless headset using a landline

Important:

● Refer to your headset operating instructions for headset operations.

Answering landline calls with your headset

To answer a landline 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 base unit 2 times.

Switching between the base unit and your headset

You can switch between the base unit and your headset:
– during a landline call with the base unit speakerphone.
– during an intercom call between the base unit and handset.
– while listening to messages recorded on the base unit answering system.

■ **To switch to your headset:**
Press **[🎧]** on the base unit.

■ **To switch to the base unit:**
Press **[🔊]** on the base unit.

Call sharing between your headset and the handset

Important:

● To activate this feature, you should set call privacy mode to off beforehand (page 39).

■ **While the handset is on a landline call:**
To join the conversation with your headset, turn on the headset referring to your headset operating instructions.

■ **While your headset is on a landline call:**
To join the conversation with the handset,
press **[☎]**.

Adjusting your headset receiver volume

Base unit

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

Answering system for landline

The answering system can answer and record calls for you when you are unavailable to answer the phone.

You can also set the unit to play a greeting message but not to record caller messages by selecting **"Greeting only"** as the recording time setting (page 61).

Important:

● Only 1 person can access the answering system (listen to messages, record a greeting message, etc.) at a time.

● When callers leave messages, the unit records the day and time of each message. Make sure the date and time have been set correctly (page 16).

● When the cellular line only mode is set (page 19), the answering system cannot be used and any messages are not received.

● The unit's answering system will not answer incoming calls on your FaxAbility number. (for New Zealand)

Memory capacity (including your greeting message)

The total recording capacity is about 18 minutes. A maximum of 64 messages can be recorded.

Note:

● When message memory becomes full:
  – **"Messages full"** is shown on the handset and base unit display.
  – The ANSWER ON/OFF indicator on the base unit flashes rapidly if the answering system is turned on.
  – If you use the pre-recorded greeting message, the unit automatically switches to another pre-recorded greeting message asking callers to call again later.
  – If you recorded your own greeting message, the same message is still announced to callers even though their messages are not recorded.

Turning the answering system on/off

Base unit

Press **[ANSWER ON/OFF]** to turn on/off the answering system.

Handset

1   To turn on:
       [MENU]#327
       To turn off:
       [MENU]#328

2   **[OFF]**

Note for base unit and handset:

● When the answering system is turned on, the ANSWER ON/OFF indicator on the base unit lights up.

Call screening

Handset / Base unit

While a caller is leaving a message, you can listen to the call through the unit's speaker. To adjust the speaker volume, press **[▲]** or **[▼]** repeatedly.

You can answer the call by pressing **[✆]** on the handset or **[🕪]** on the base unit.

Call screening can be set for each unit. The default setting is **"On"**.

1   **[MENU]**#310

2   **[♦]**: Select the desired setting. →
       [SAVE]

3   Proceed with the operation for your unit.
       Handset: [OFF]
       Base unit: [EXIT]

Greeting message

When the unit answers a call, a greeting message is played to callers.
You can use either:
– your own greeting message
– a pre-recorded greeting message

Recording your greeting message

Handset

1 **[MENU]**#302

2 **[♦]**: "Yes" → **[SELECT]**

3 After a beep sounds, hold the handset about 20 cm away and speak clearly into the microphone (2 minutes and 30 seconds max.).

4 Press **[STOP]** to stop recording.

5 **[OFF]**

Using a pre-recorded greeting message

The unit provides 2 pre-recorded greeting messages:
– If you erase or do not record your own greeting message, the unit plays a pre-recorded greeting asking callers to leave a message.
– If the message recording time (page 61) is set to "Greeting only", callers' messages are not recorded and the unit plays a different pre-recorded greeting message asking callers to call again.

Resetting to a pre-recorded greeting message

If you want to use a pre-recorded greeting message once you record your own greeting message, you need to erase your own greeting message.

Handset

1 **[MENU]**#304

2 **[YES]** → **[OFF]**

Playing back the greeting message

Handset

1 **[MENU]**#303

2 To exit, press **[OFF]**.

Listening to messages using the base unit

When new messages have been recorded:
– **[▶]** on the base unit flashes.
– "New message" is displayed.
Press **[▶]** (PLAY).
● If new messages have been recorded, the base unit plays back new messages.
● If there are no new messages, the base unit plays back all messages.

Operating the answering system during playback

Key	Operation
[▲] or **[▼]**	Adjust the speaker volume
[I◀◀]	Repeat message*1
[▶▶I]	Skip message
[PAUSE]	Pause message To resume playback, press **[▶]**.
[■] (STOP)	Stop playback
[ERASE]	Erase currently playing message

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

Calling back (Caller ID subscribers only)

If caller information was received for the call, you can call the caller back while listening to a message.
Press **[◀]** during playback.
● To edit the number before calling back, press **[EDIT]**. Add or erase digits to the beginning of the number as necessary.
● To call back using a cellular line, continue from step 2, "Making cellular calls", page 27.

Erasing all messages

Press **[ERASE]** 2 times while the unit is not in use.

Listening to messages using the handset

When new messages have been recorded, **"New message"** is displayed.

1   **To listen to new messages:**
[MENU][#][3][2][3]
To listen to all messages:
[MENU][#][3][2][4]

2   When finished, press **[OFF]**.

Note:

- To switch to the receiver, press **[✆]**.
- In step 1, the following soft key is also available to listen to new messages.
  When a cellular phone is paired:
  [MENU] → **[PLAY]**[*1]
  When a cellular phone is not paired:
  [PLAY][*1]

*1   If there are no new messages in the answering system, **[PLAY]** is not displayed.

Operating the answering system

[MENU] → **[⬍]**: **"Answering device"** → **[SELECT]**

Key	Operation
[▲] or **[▼]**	Adjust the receiver/speaker volume (during playback)
[1] or **[◄]**	Repeat message (during playback)[*1]
[2] or **[►]**	Skip message (during playback)
[3]	Enter the **"Settings"** menu
[4]	Play new messages
[5]	Play all messages
[6]	Play greeting message
[7][6]	Record greeting message

Key	Operation
[8]	Turn answering system on
[PAUSE]	Pause message[*2]
[9] or **[STOP]**	Stop recording Stop playback
[0]	Turn answering system off
[*][4][*3]	Erase currently playing message
[*][5]	Erase all messages
[*][6]	Reset to a pre-recorded greeting message

*1   If pressed within the first 5 seconds of a message, the previous message is played.
*2   To resume playback:
     [⬍]: **"Playback"** → **[SELECT]**
*3   You can also erase as follows:
     [PAUSE] → **[⬍]**: **"Erase"** →
     [SELECT] → **[⬍]**: **"Yes"** → **[SELECT]**

Calling back (Caller ID subscribers only)

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

1   Press **[PAUSE]** during playback.

2   **[⬍]**: **"Call back"** → **[SELECT]**

Editing the number before calling back

1   Press **[PAUSE]** during playback.

2   **[⬍]**: **"Edit & Call"** → **[SELECT]**

3   Edit the number. → **[✆]**
- To call back using a cellular line, continue from step 2, "Making cellular calls", page 21.

Erasing all messages

1   **[MENU]**[#][3][2][5]

2   **[⬍]**: **"Yes"** → **[SELECT]** → **[OFF]**

Advanced new message alerting features

Audible message alert

This feature allows the base unit to beep to inform you of a new message arrival when new messages are recorded. The base unit beeps 2 times every minute until you listen to the messages, if the **"Base unit beep"** setting is turned on. The default setting is **"Off"**.

Handset

1 **[MENU]**#339

2 **[♦]**: Select the desired setting. →
[SAVE] → **[OFF]**

Note:

● When the night mode is activated (page 42), the base unit beeps will not sound.

New message alert by a call

This feature allows the unit to make a call to the pre-stored phone number and inform you that a new message has been received by announcement.
To use this feature, you must:
– store a phone number to which the unit makes the call to.
– turn on the new message alert setting.
After you answer the new message alert call, you can listen to messages from that call (page 59).

Important:

● A new message alert is stopped 1 minute after the unit starts to call. The unit will not retry the call even if the call is not answered.

Storing a phone number to which the unit makes an alert call

Handset

■ **From the phonebook:**

1 **[MENU]**#338

2 **[♦]**: **"Notification to"** →
[SELECT] → **[ADD]**

3 **[♦]**: **"Phonebook"** → **[SELECT]**

4 **[♦]**: Select the desired phonebook entry. → **[SAVE]** → **[OFF]**

■ **By entering a phone number:**

1 **[MENU]**#338

2 **[♦]**: **"Notification to"** →
[SELECT] → **[ADD]**

3 **[♦]**: **"Manual"** → **[SELECT]**

4 Enter the desired name (16 characters max.; page 30). → **[OK]**

5 Enter the desired number (24 digits max.). → **[OK]** → **[SELECT]** → **[OFF]**

Turning on/off the new message alert setting

Handset

1 **[MENU]**#338

2 **[♦]**: **"On/Off"** → **[SELECT]**

3 **[♦]**: Select the desired setting. →
[SAVE] → **[OFF]**

Editing the set phone number

Handset

1 **[MENU]**#338

2 **[♦]**: **"Notification to"** → **[SELECT]**

3 **[MENU]** → **[♦]**: **"Edit"** → **[SELECT]**

4 Edit the name if necessary (16 characters max.; page 30). → **[OK]**

5 Edit the phone number if necessary (24 digits max.). → **[OK]** → **[SELECT]** → **[OFF]**

Erasing the set phone number

Handset

1 **[MENU]**#338

2 **[♦]**: **"Notification to"** → **[SELECT]**

3 **[MENU]** → **[♦]**: **"Erase"** → **[SELECT]**

4 **[‡]**: **"Yes"** → **[SELECT]** → **[OFF]**
● The new message alert setting is turned off.

Activating/inactivating the remote access code to play messages

If you activate this feature, you must enter the remote access code (page 59) to play the new message from the new message alert call. This is so that unauthorised parties cannot listen to your messages. The default setting is **"Inactivate"**.

– **"Inactivate"**: You can listen to the message by pressing **4** to play new messages (without entering the remote access code).
– **"Activate"**: You must enter your remote access code (page 59) and then press **4** to play new message.

Handset

1 **[MENU]** **#** **3** **3** **8**

2 **[‡]**: **"Remote code"** → **[SELECT]**

3 **[‡]**: Select the desired setting. → **[SAVE]** → **[OFF]**

Listening to messages

After you answer the new message alert, you can listen to the messages as follows.

■ **When the remote access code is set to "Inactivate":**
Press **4** to play the new message during the announcement.

■ **When the remote access code is set to "Activate":**

1 Enter the remote access code (page 59) during the announcement.

2 Press **4** to play the new message.

Note:
● After listening to new messages, you can press **#** **9** during the call to turn off the new message alert by a call feature.
● Even if the unit makes a new message alert call, the handset redial list does not show the record. However, on the base unit redial list it is shown as **"Message alert"**.

Remote operation

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

Remote access code

A 3-digit remote access code must be entered when operating the answering system remotely. This code prevents unauthorised parties from listening to your messages remotely.

Important:
● In order to operate the answering system remotely, you must first set a remote access code.

Handset

1 **[MENU]** **#** **3** **0** **6**

2 Enter the desired 3-digit remote access code.

3 **[SAVE]** → **[OFF]**

Deactivating remote operation

Press **✳** in step 2 on "Remote access code", page 59.
● The entered remote access code is deleted.

Using the answering system remotely

1 Dial your landline phone number from a touch-tone phone.

2 After the greeting message starts, enter your remote access code.

3 Follow the voice guidance prompts as necessary or control the unit using remote commands (page 60).

4 When finished, hang up.

Voice guidance

During remote operation, the unit's voice guidance starts and prompts you to press {1} to perform a specific operation, or press {2} to listen to more available operations.

Note:
- If you do not press any dial keys within 10 seconds after a voice guidance prompt, the unit disconnects your call.

Remote commands

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

Key	Operation
{1}	Repeat message (during playback)*1
{2}	Skip message (during playback)
{4}	Play new messages
{5}	Play all messages
{9}	Stop playback
{0}	Turn answering system off
{*}{4}	Erase currently playing message
{*}{5}	Erase all messages
{*}{#}	End remote operation (or hang up)

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

Turning on the answering system remotely

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

1 Dial your phone number from a touch-tone phone.
2 Let the phone ring 15 times.
   - A long beep is heard.
3 Enter your remote access code within 10 seconds after the long beep.
   - The greeting message is played back.

- You can either hang up, or enter your remote access code again and begin remote operation (page 59).

Answering system settings

Number of rings before the unit answers a call

You can change the number of times the phone rings **"Ring count"** before the unit answers calls. You can select 2 to 9 rings, or **"Toll saver"**.
The default setting is **"5 rings"**.
"Toll saver": The unit's answering system answers at the end of the 2nd ring when new messages have been recorded, or at the end of the 5th ring when there are no new messages. If you call your phone from outside to listen to new messages (page 59), you know that there are no new messages when the phone rings for the 3rd time. You can then hang up without being charged for the call.

Handset

1 **[MENU]** {#}{2}{1}{1}
2 **[♦]**: Select the desired setting. →
   [SAVE] → **[OFF]**

For service provider voice mail subscribers (for Australia)

To receive voice mail and use the answering system properly, please note the following:
- "Voice mail" is a service provided by your service provider/telephone company (page 62). You will need to first subscribe or activate this service through your service provider/telephone company. Contact your service provider/telephone company on how to operate this service and how you will be notified that you have messages on your voice mail.
To use this service, you will be required to leave your answering machine off on your unit.
This will allow the voice mail to receive any messages.

● To use the unit's answering machine rather than the voice mail service provided by your service provider/telephone company, please contact your service provider/telephone company to have it removed or deactivated permanently or temporarily. Alternatively you can leave this service connected and change the **"Ring count"** to a shorter duration on your unit so your unit's answering machine can pick up the call prior to the voice mail provided by your service provider/telephone company.

For Telecom Call Minder or TelstraClear Message Mailbox service subscribers (for New Zealand)

To receive Call Minder or Message Mailbox messages and use the unit's answering system properly, please note the following:

● "Call Minder" and "Message Mailbox" are services provided by your service provider/telephone company (page 62). You will need to first subscribe or activate this service through your service provider/telephone company.
Contact your service provider/telephone company on how to operate this service and how you will be notified that you have messages. To use this service you will be required to leave your answering machine off on your unit (page 55). This will allow the service to receive any messages.

● To use the unit's answering machine rather than the service provided by your service provider/telephone company, please contact your service provider/telephone company to have it removed or deactivated permanently or temporarily. Alternatively you can leave this service connected and change the **"Ring count"** to a shorter duration on your unit so your unit's answering machine can pick up the call prior to the service provided by your service provider/telephone company.

Caller's recording time

You can change the maximum message recording time allowed for each caller. The default setting is **"3 min"**.

Handset

1 **[MENU]**#305

2 **[⬍]**: Select the desired setting. →
[SAVE] → **[OFF]**

Selecting **"Greeting only"**

You can select **"Greeting only"** which sets the unit to announce a greeting message to callers but not record messages.
Select **"Greeting only"** in step 2 on "Caller's recording time", page 61.

Note:

● When you select **"Greeting only"**:
– If you do not record your own message, the unit will play the pre-recorded greeting-only message asking callers to call again later.
– If you use your own message, record the greeting-only message asking callers to call again later (page 56).

Voice mail service for landline

For Australia

Voice mail is an automatic answering service offered by your service provider/telephone company.

For New Zealand

To receive Call Minder or Message Mailbox messages, please note the following:
"Call Minder" and "Message Mailbox" are automatic answering services offered by your service provider/telephone company.

For Australia and New Zealand

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.

Please contact your service provider/telephone company for details of this service.

Important:

● To use the voice mail service provided by your service provider/telephone company rather than the unit's answering system, turn off the answering system (page 55). For details, see page 60.

Storing the voice mail (VM) access number

In order to listen to your voice mail messages, you must dial your service provider/telephone company's voice mail access number. Once you have stored your voice mail access number, you can dial it automatically (page 62).

{Handset}

1 **{MENU}** #⃞ 3⃞ 3⃞ 1⃞

2 Enter your access number (24 digits max.). → **{SAVE}** → **{OFF}**

Note:

● When storing your voice mail access number and your mailbox password, press

{▲} (Pause) to add pauses (page 22) between the access number and the password as necessary. Contact your service provider/telephone company for the required pause time.

Example:

<u>083210</u>   <u>PPPP</u>   <u>8888</u>
| | |
VM access   Pauses   Password
number

To erase the voice mail access number

{Handset}

1 **{MENU}** #⃞ 3⃞ 3⃞ 1⃞

2 Press and hold **{CLEAR}** until all digits are erased. → **{SAVE}** → **{OFF}**

Listening to voice mail messages

If compatible with message indication signals provided by your service provider/telephone company, the unit lets you know that you have new voice mail messages in the following ways:

– **"New Voice Mail"** is displayed if message indication service is available.

{Handset}

1 **{MENU}** #⃞ 3⃞ 3⃞ 0⃞
  ● The speakerphone turns on.

2 Follow the pre-recorded instructions.

3 When finished, press **{OFF}**.

Note:

● In step 1, you can also press **{VM}**[*1] to listen to new voice messages.

*1 **{VM}** is displayed if a cellular phone is not paired and there are new messages in the voice mail.

{Base unit}

To listen to voice mail messages, you have to dial your voice mail access number manually.

Note for handset and base unit:
● If the handset and base unit still indicate there are new messages even after you have listened to all new messages, turn it off by pressing and holding #️ until the handset or base unit beeps.

Intercom

Intercom calls can be made:
– between handsets
– between a handset and the base unit

Note:
- When paging unit(s), the paged unit(s) beeps for 1 minute.
- If you receive an outside call while talking on the intercom, you hear 2 tones.
  - To answer the call with the handset, press **[OFF]**, then press **[ ]**.
  - To answer the call with the base unit, press **[ ]** 2 times.

Making an intercom call

Handset

1 **[MENU]** → **[ ]**: "Intercom" → **[SELECT]**

2 **[ ]**: Select the desired unit. → **[SELECT]**
- To stop paging, press **[OFF]**.

3 When you finish talking, press **[OFF]**.

Note:
- In step 1, the following soft key is also available to make an intercom call.
  When a cellular phone is paired:
  [MENU] → **[INT]**[*1]
  When a cellular phone is not paired:
  [INT][*1]

*1 If there is a new message in the voice mail or answering system, **[INT]** is not displayed.

Base unit

1 Press **[INTERCOM]**.
  When 2 or more handsets are registered:
  - To page a specific handset, enter the handset number.
  - To page all handsets, press ⓪ or wait for a few seconds.
  - To stop paging, press **[INTERCOM]**.

2 When you finish talking, press **[INTERCOM]**.

Answering an intercom call

Handset

1 Press **[ ]** to answer the page.

2 When you finish talking, press **[OFF]**.

Base unit

1 Press **[INTERCOM]** to answer the page.

2 When you finish talking, press **[INTERCOM]**.

Handset locator

You can locate a misplaced handset by paging it.

1 **Base unit:** Press **[LOCATOR]**.
- All registered handsets beep for 1 minute.

2 To stop paging:
  Base unit:
  Press **[LOCATOR]**.
  Handset:
  Press **[ ]**, then press **[OFF]**.

Transferring calls, conference calls

Outside calls can be transferred or a conference call with an outside party can be made:
– between 2 handsets
– between a handset and the base unit

Handset

1 During an outside call, press **[MENU]** to put the call on hold.

2 **[ ]**: "Intercom" → **[SELECT]**

3 **[ ]**: Select the desired unit. → **[SELECT]**

4 Wait for the paged party to answer.
- If the paged party does not answer, press **[ ]** to return to the outside call.

5 **To complete the transfer:**
Press **[OFF]**.

- The outside call is being routed to the destination unit.

To establish a conference call:
[MENU] → **[♦]**: "Conf." → **[SELECT]**

- To leave the conference, press **[OFF]**. The other 2 parties can continue the conversation.
- To put the outside call on hold:
[MENU] → **[♦]**: "Hold" →
[SELECT]
To resume the conference: **[MENU]**
→ **[♦]**: "Conf." → **[SELECT]**
- To cancel the conference: **[MENU]** →
[♦]: "Stop conference" →
[SELECT]
You can continue the conversation with the outside caller.

Base unit

1 During an outside call, press
[INTERCOM].
When 2 or more handsets are registered:
– To page a specific handset, enter the handset number.
– To page all handsets, press $\boxed{0}$ or wait for a few seconds.

2 Wait for the paged party to answer.

- If paged party does not answer, press **[INTERCOM]** to return to the outside call.

3 **To complete the transfer:**
Press **[📢]**.

- The outside call is being routed to the handset.

To establish a conference call:
Press **[CONF]**.

- To leave the conference, press **[📢]**. The other 2 parties can continue the conversation.
- To put the outside call on hold, press **[HOLD]**. To resume the conference, press **[CONF]**.

Answering a transferred call

Handset

Press **[📞]** to answer the page.

Base unit

Press **[📢]** to answer the page.

Wall mounting

The base unit can be mounted on a wall by changing the wall mounting adaptor's position.

Note:

- Make sure that the wall and the fixing method are strong enough to support the weight of the unit.
- Drive the screws (not supplied) into the wall.

Base unit

1 To remove the wall mounting adaptor, push down the release levers (**1**). Remove the adaptor (**2**).
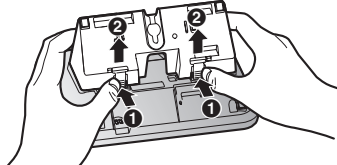
2 ① Turn the adaptor so that the words "UP WALL" are facing up.
② Tuck the telephone line cord inside the wall mounting adaptor.
③ Connect the AC adaptor cord and telephone line cord.
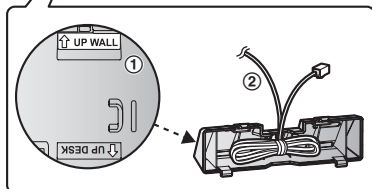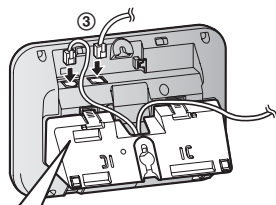
3 Insert the lower tabs of the adaptor into the unit's bottom slots (**1**), then insert by pushing down the levers of the adaptor into the upper slots (**2**).

- The words "UP WALL" should be facing up.
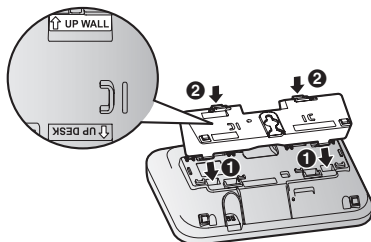
4 Mount the unit on a wall then slide down to secure in place.

83 mm

Screws

Charger

27.2 mm

Screws

66
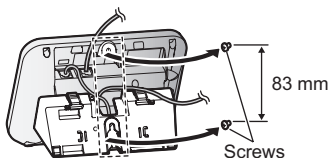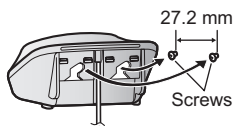
Wall mounting template

■ **Base unit**

83 mm

■ **Charger**

27.2 mm
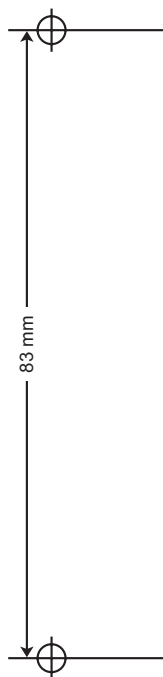
Error messages

Display message	Cause/solution
`Access # to VM service is not stored`	• You have not stored the voice mail access number. Store the number (page 62).
`Base no power` or `No link. Re-connect base AC adaptor.` or `No link.`	• The handset has lost communication with the base unit. Move closer to the base unit and try again. • Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again. • The handset's registration may have been cancelled. Re-register the handset (page 45). • When **"No link."** is displayed during a power failure, place a handset on the base unit to supply power to the base unit.
`Busy`	• No cellular phone is paired to the base unit. Pair a cellular phone (page 17). • The called unit is in use. • Other units are in use and the system is busy. Try again later. • The handset you are using is too far from the base unit. Move closer and try again.
`Check tel line`	• The supplied telephone line cord has not been connected yet or not connected properly. Check the connections (page 10). • If you do not connect the telephone line cord and use only cellular lines, set the cellular line only mode (page 19).
`Error!!`	• Recording was too short. Try again. • Someone is using a cellular line or headset. Try again later. • The phonebook copy is incomplete (page 51). The cellular phone is disconnected from the base unit. Make sure that other Bluetooth devices are not connected to the cellular phone, and try again.

`Failed`	• Although the unit tried to connect to the cellular phone or headset, the connection has been failed.
	  – Someone is using a cellular line or headset. Try again later.
	  – Make sure that the cellular phone or headset is not connected to other Bluetooth devices.

`Invalid`	• There is no handset registered to the base unit matching the handset number you entered. • The handset is not registered to the base unit. Register the handset (page 45).
`Requires subscription to Caller ID.`	• 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.

Display message	Cause/solution
`Use rechargeable battery.`	• A wrong type of battery such as Alkaline or Manganese was inserted. Use only the rechargeable Ni-MH batteries noted on page 4, 7.

Troubleshooting

If you still have difficulties after following the instructions in this section, disconnect the base unit's AC adaptor, then reconnect the base unit's AC adaptor. Remove the batteries from the handset, and then insert the batteries into the handset again.

General use

Problem	Cause/solution
The handset does not turn on even after installing charged batteries.	• Place the handset on the base unit or charger to turn on the handset.
The unit does not work.	• Make sure the batteries are installed correctly (page 11). • Fully charge the batteries (page 11). • Check the connections (page 10). • Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again. • The handset has not been registered to the base unit. Register the handset (page 45).
I cannot pair a cellular phone to the base unit.	• Depending on the compatibility of the cellular phone, you may not be able to pair it to the base unit. Confirm that your cellular phone supports the hands-free profile (HFP) specification. • Confirm that the Bluetooth feature of your cellular phone is turned on. You may need to turn this feature on depending on your cellular phone. • The Bluetooth technology on your cellular phone may not be functioning normally. Turn off and on your cellular phone. • If your cellular phone is already connected to another Bluetooth device such as a Bluetooth headset, turn it off or disconnect it from your cellular phone. • Some cellular phones may require you to enter the base unit PIN to pairing. Confirm that you entered the correct PIN.

Useful Information

Problem	Cause/solution
I cannot connect a cellular phone to the base unit.	• Confirm that your cellular phone is turned on. • Confirm that your cellular phone is within base unit range (page 14). • Depending on the state of the wireless environment, such as the presence of any electrical interference, there may be a delay even if the auto connection feature is turned on. You can connect to the base unit manually (page 19). • The cellular phone has not been paired to the base unit. Pair the cellular phone (page 17).
I cannot hear a dial tone.	• Make sure that the CELL 1 or CELL 2 indicator lights up (page 15). • The base unit's AC adaptor or telephone line cord is not connected. Check the connections. • 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.
The base unit beeps.	• New messages have been recorded. Listen to the new messages (page 56).

Programmable settings

Problem	Cause/solution
I cannot register a handset to a base unit.	• The maximum number of handsets (6) is already registered to the base unit. Cancel unused handset registrations from the base unit (page 45).

Battery recharge

Problem	Cause/solution
The handset beeps and/or ▭ flashes.	• Battery charge is low. Fully charge the batteries (page 11).
I fully charged the batteries, but – ▭ still flashes, – ▭ is displayed, or – the operating time seems to be shorter.	• Clean the battery ends ($\oplus$, $\ominus$) and the charge contacts with a dry cloth and charge again. • It is time to replace the batteries (page 11).

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Making/answering calls, intercom

Problem	Cause/solution
⑂ is displayed.	● The handset is too far from the base unit. Move closer. ● The base unit's AC adaptor is not properly connected. Reconnect AC adaptor to the base unit. ● The handset is not registered to the base unit. Register it (page 45).
Noise is heard, sound cuts in and out.	● 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. ● Move closer to the base unit. ● If you use a DSL/ADSL service, we recommend connecting a filter (contact your DSL/ADSL service provider) to the telephone line between the base unit and the telephone line socket. Contact your DSL/ADSL provider for details. (for Australia) ● If you use a DSL/ADSL (JetStream) service, we recommend that you contact your DSL/ADSL service provider to have a DSL/ADSL Splitter installed. We do not recommend the use of generic DSL/ADSL filters. Contact your DSL/ADSL service provider for details. (for New Zealand)
The handset or base unit does not ring.	● The ringer volume for landline is turned off. Adjust the ringer volume (page 37, 40). ● The ringer volume for cellular line is turned off. Adjust the ringer volume (page 36, 40). ● When one handset is selected to ring for cellular calls, other units do not ring. To change the selection, see page 20. ● Night mode is turned on. Turn it off (page 42).
I cannot make local calls with the handset or base unit using a cellular line.	● You need to add your area code when making cellular calls. Store your area code in order to automatically add it to the beginning of the 7-digit phone number when making cellular calls (page 20).
I cannot make or answer cellular calls with the handset or base unit.	● Depending on the cellular phone's compatibility, you may not be able to make or answer cellular calls even if the cellular phone is connected to the base unit. ● Make sure that the CELL 1 or CELL 2 indicator lights up and the cellular phone is connected to the base unit (page 19). ● If someone is talking on a cellular call or using the headset, you cannot use the cellular feature. There can be only one active Bluetooth connection at a time. ● The cellular phone is being used separately from your system.

Useful Information

Problem	Cause/solution
I can make and answer cellular calls but cannot hear a sound.	• The Bluetooth technology on your cellular phone may not be functioning normally. Turn off and on your cellular phone. • Disconnect and reconnect the base unit AC adaptor and try again.
I cannot switch cellular calls from the unit to the cellular phone.	• Your cellular phone may not support this feature. Refer to the operating instructions of your cellular phone.
I cannot make a call using the landline.	• The cellular line only mode is turned on. Turn it off (page 19). • If you are using a BT double adaptor to connect the unit, remove the adaptor and connect the unit to the phone wall socket directly. If the unit operates properly, check or replace the adaptor. (for New Zealand) • The unit is not designed to be used with rotary/pulse dialling services.

Caller ID/Talking Caller ID

Problem	Cause/solution
Caller information is not displayed.	• You must subscribe to Caller ID service. Contact your service provider/telephone company for details. • If your unit is connected to any additional telephone equipment such as a Caller ID box or cordless telephone line socket, plug the unit directly into the wall socket. • If you use a DSL/ADSL service, we recommend connecting a filter (contact your DSL/ADSL service provider) to the telephone line between the base unit and the telephone line socket. Contact your DSL/ADSL provider for details. (for Australia) • If you use a DSL/ADSL (JetStream) service, we recommend that you contact your DSL/ADSL service provider to have a DSL/ADSL Splitter installed. We do not recommend the use of generic DSL/ADSL filters. Contact your DSL/ADSL service provider for details. (for New Zealand) • Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again. (for Australia) • Other telephone equipment such as a monitored Burglar Alarm or the modem in the SKY Digital decoder may be interfering with this unit. Disconnect the other equipment and try again. (for New Zealand)
Caller information is displayed or announced late.	• Depending on your service provider/telephone company, the unit may display or announce the caller's information at the 2nd ring or later. • Move closer to the base unit.

Problem	Cause/solution
Caller information is not announced.	● The ringer volume for landline is turned off. Adjust the ringer volume (page 37, 40). ● The ringer volume for cellular line is turned off. Adjust the ringer volume (page 36, 40). ● When one handset is selected to ring for cellular calls, other units do not announce caller information. To change the selection, see page 18. ● The Talking Caller ID feature is turned off. Turn it on (page 38, 40). ● The ring as cell mode is set to **"On (without Talking CID)"**. To change the mode, see page 18. ● The number of rings for the answering system is set to **"2 rings"** or **"Toll saver"**. Select a different setting (page 60). ● Your unit does not announce caller information if 　– the base unit or 2 or more handsets are on a call. 　– a headset is in use.
Time on the unit has shifted.	● Incorrect time information from incoming Caller ID changes the time. Set the time adjustment to **"Manual"** (off) (page 38).

Using Bluetooth devices

Problem	Cause/solution
I cannot copy phonebook entries from a cellular phone.	● Confirm that the cellular phone supports Bluetooth wireless technology. ● Confirm that the cellular phone supports the Phone Book Access Profile (PBAP) or Object Push Profile (OPP) specification. ● If the cellular phone is already connected to another Bluetooth device such as a Bluetooth headset, turn it off or disconnect it from the cellular phone. ● Someone is using a cellular line or headset. Try again later. ● Turn the cellular phone off, then turn it on and try again. ● If an entry is already stored in the unit's shared phonebook, the entry cannot be copied even by selecting another group.
I cannot have a conversation using the headset.	● Your Bluetooth headset is not paired. Pair it (page 52). ● Turn your headset off, then turn it on and try again.
Noise is heard during a call on the headset.	● A Bluetooth headset can communicate with the base unit 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 base unit.

Useful Information

Problem	Cause/solution
I cannot connect my headset to the base unit.	● Confirm that your headset is turned on. ● If your headset is already connected to another Bluetooth device such as your cellular phone, disconnect the headset from your cellular phone, then perform the connecting procedure from the base unit. ● If someone is using a cellular line, you cannot connect the headset. There can be only one active Bluetooth connection at a time. ● The headset has not been paired to the base unit. Pair the headset (page 52).
Some headset enhanced features are not available.	● The base unit does not support enhanced features such as Last number redial or Call reject.
An error tone is heard when I try to program the Bluetooth feature.	● The Bluetooth feature cannot be accessed immediately after connecting the AC adaptor to the base unit. Wait a few seconds and try again. ● The headset has not connected to the base unit yet, even though you performed the connecting procedure setting. Wait a few seconds and try again.
Text message alert is not announced.	● The text message alert announcement depends on the **"Ring as cell (limited)"** setting (page 18) and the **"Talking Caller ID"** setting (page 38, 40). To make the unit announce text message alerts, there are 2 methods available, depending on whether or not you want the unit to emit the same ring as the cellular phone when a call is being received on the cellular phone. – If you prefer the same ring as the cellular phone, select **"On (with Talking CID)"** of the **"Ring as cell (limited)"** setting. – If you prefer the same ring as the unit, select **"Off"** of the **"Ring as cell (limited)"** setting, and select **"On"** of the **"Talking Caller ID"** setting on the handset and base unit.

Answering system

Problem	Cause/solution
The unit does not record new messages.	• The answering system is turned off. Turn it on (page 55). • The answering system does not answer or record calls from cellular lines. • The message memory is full. Erase unnecessary messages (page 56). • The recording time is set to **"Greeting only"**. Change the setting (page 61). • If you subscribe to a voice mail service, messages are recorded by your service provider/telephone company, not your telephone. Change the unit's number of rings setting or contact your service provider/telephone company (page 60). • The answering system will not answer incoming calls while: – the base unit or 2 or more handsets are on a cellular call or an intercom call. – a headset is in use. Caller information is recorded in the caller list.
I cannot operate the answering system remotely.	• The remote access code is not set. Set the remote access code (page 59). • You are entering the wrong remote access code. If you have forgotten your remote access code, enter the remote access code setting to check your current code (page 59). • The answering system is turned off. Turn it on (page 60). • You cannot operate the answering system when calling a cellular phone paired to the base unit.
The unit does not emit the specified number of rings.	• If the first ring is turned off, the number of rings decreases by 1 from the specified number of rings.

Bluetooth PIN

Problem	Cause/solution
I cannot remember the PIN.	• Change the PIN using the following method. **1** [MENU] # 6 1 9 **2** * 7 0 0 0 **3** Enter the new 4-digit PIN. → [OK] **4** Enter the new 4-digit PIN again. → [SAVE] → [OFF]

Liquid damage

Problem	Cause/solution
Liquid or other form of moisture has entered the handset/base unit.	• 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.

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

Warranty (for New Zealand)

Panasonic New Zealand undertakes to:

Repair or at its option, replace without cost to the owner, either for material or labour, any part which is found to be defective within two years of the date of purchase.

THIS EXPRESS WARRANTY DOES NOT COVER:

1) Pick up and delivery.

2) Batteries.

3) Repairs when the product has not been used in accordance with the Operating Instructions Manual or has been modified.

4) Normal maintenance and cleaning as required in the product's Operating Instructions Manual.

5) Service calls to: a Correct the set up of the product
                              b Instruct you how to use the product
                              c Replace fuses or correct your building's wiring

6) Damage to the product caused by accident, misuse or Act of God.

7) Repairs when the product has been dismantled, repaired, modified or serviced by other than a Panasonic Authorised Dealer authorised to service that type of product.

IF YOUR PANASONIC PRODUCT FAILS WITHIN THE WARRANTY PERIOD:

Take it to the Authorised Panasonic Dealer from whom you purchased the product who will repair it (or arrange to have it repaired) during their normal business hours. All enquiries regarding warranty or otherwise, please call – Customer Support Centre Tel. No.: (09) 272 0178

NOTE: THIS EXPRESS WARRANTY IS OFFERED AS AN EXTRA BENEFIT AND DOES NOT AFFECT YOUR LEGAL RIGHTS.

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    Ringer (Base unit): *28*, *36*, *40*
    Ringer (Handset): *22*, *36*, *37*
    Speaker: *21*, *27*
W Wall mounting: *66*

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 bottom of the base unit)	
Name and address of dealer	

Attach your purchase receipt here.

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