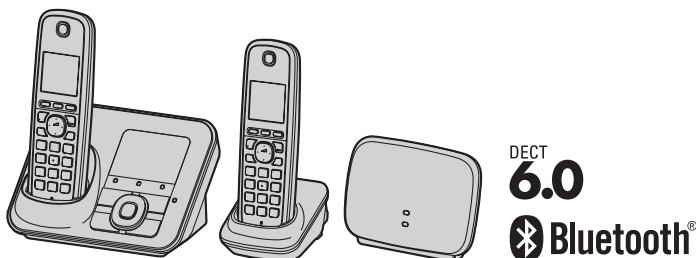


# Panasonic®

## Operating Instructions

Digital Cordless Telephone with Link-to-Cell System

Model No. **KX-TG7652AZ**  
**KX-TG7653AZ**



Model shown is KX-TG7652.

***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.

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

**To use this unit in your country, first change the unit's region setting to match your country (page 38).**

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

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## Model composition

Series	Model No.	Base unit	Handset	
		Part No.	Part No.	Quantity
KX-TG7651 series	KX-TG7652*1	KX-TG7621	KX-TGA410	2
	KX-TG7653*1	KX-TG7621	KX-TGA410	3

- \*1 A DECT repeater (KX-TGA405AZ) is supplied in this model. You can extend the range of your phone system to include areas where reception was previously not available. The DECT repeater is pre-registered to the base unit (page 57).
- The suffix (AZ) in the following model numbers will be omitted in these instructions:  
KX-TG7652AZ/KX-TG7653AZ

# Accessory information

## Supplied accessories

No.	Accessory item/Part number	Quantity	
		KX-TG7652	KX-TG7653
①	AC adaptor for base unit and charger/ PNLV226AL	2	3
②	Telephone line cord (for Australia)*1	1	1
③	Telephone line cord (for New Zealand)	1	1
④	Rechargeable batteries*2	4	6
⑤	Handset cover*3	2	3
⑥	Charger	1	2
⑦	Wall mounting adaptor	1	1
⑧	DECT repeater	1	1
⑨	AC adaptor for DECT repeater/ PQLV219AL	1	1

\*1 The telephone line cord comes connected with the telephone plug.

\*2 See page 5 for replacement battery information.

\*3 The handset cover comes attached to the handset.

① ⑨



②



③



④



⑤



⑥



⑦



⑧




## Additional/replacement accessories

Please contact your nearest Panasonic dealer for sales information.

Accessory item	Order number
Rechargeable batteries	HHR-4MRT/2B*1
	Battery type: – Nickel metal hydride (Ni-MH) – 2 x AAA (R03) size for each handset



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

## Expanding your phone system

Handset (optional): KX-TGA410AZ	
<p>You can expand your phone system by registering optional handsets (6 max.) to a single base unit.</p> <ul style="list-style-type: none"> <li>Optional handsets may be a different colour from that of the supplied handsets.</li> </ul>	

## Bluetooth® devices

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

<p><b>Your Bluetooth cellular phone*1:</b> 2 max. (for cellular calls: page 16)</p>	
<p><b>Your Bluetooth headset*1:</b> 1 max. (for a wireless hands-free conversation: page 45)</p>	

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

### 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

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#### 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 115 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.

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### CAUTION

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#### 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 5. **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 benzene, 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



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 2.0
- **Frequency range:**  
1.88 GHz to 1.90 GHz (DECT)  
2.402 GHz to 2.48 GHz (Bluetooth)
- **RF transmission power:**  
115 mW (max.)
- **Power source:**  
220-240 V AC, 50/60 Hz



### ■ Power consumption:

#### **Base unit:**

Standby: Approx. 1.5 W

Maximum: Approx. 4.8 W

#### **Charger:**

Standby: Approx. 0.1 W

Maximum: Approx. 2.0 W

#### **DECT repeater:**

Standby: Approx. 1.0 W

Maximum: Approx. 1.8 W

### ■ Operating conditions:

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

#### **Note:**

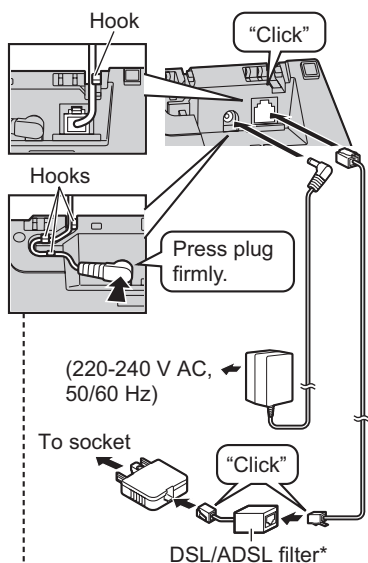
- Design and specifications are subject to change without notice.
- The illustrations in these instructions may vary slightly from the actual product.

## Setting up

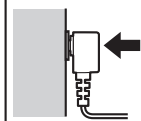
### Connections

- Use only the supplied Panasonic AC adaptor PNLV226AL.
- 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 18).

#### ■ Base unit (for Australia)



#### Correct

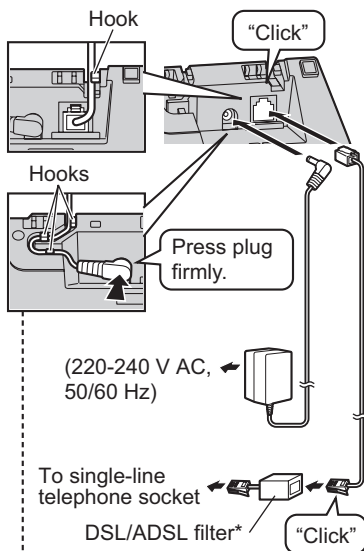


#### Wrong

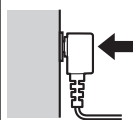


\*DSL/ADSL filter (not supplied) is required if you have DSL/ADSL service.

#### ■ Base unit (for New Zealand)



#### Correct

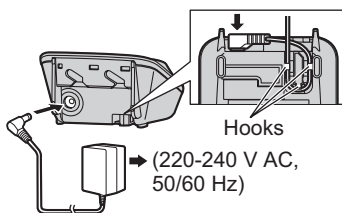


#### Wrong



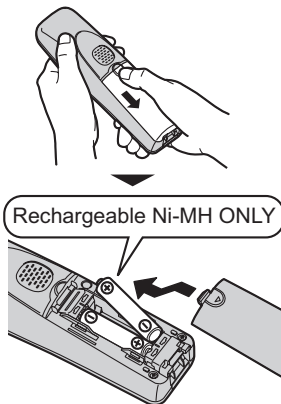
\*DSL/ADSL filter (not supplied) is required if you have DSL/ADSL service.

#### ■ Charger



## Battery installation

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

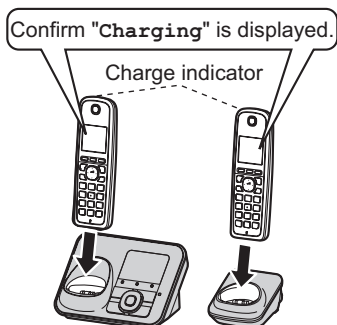


- When the region setting is displayed, see page 38.

## Battery charging

Charge for about 7 hours.

- When the batteries are fully charged, the charge indicator goes off and "Fully charged" 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)

### During a power failure

The unit will not work during a power failure. We recommend connecting a corded-type telephone (without AC adaptor) to the same telephone line or to the same telephone line socket using a telephone double adaptor (for Australia)/ a BT double adaptor (for New Zealand).

### Note for battery installation

- Use the supplied rechargeable batteries. For replacement, we recommend using the Panasonic rechargeable batteries noted on page 5, 6.
- Wipe the battery ends (+, -) with a dry cloth.
- Avoid touching the battery ends (+, -) or the unit contacts.

### Note for battery charging

- It is normal for the handset to feel warm during charging.
- Clean the charge contacts of the handset, base unit, and charger with a soft and dry cloth once a month.

## Getting Started

Clean more often if the unit is exposed to grease, dust, or high humidity.

### Battery level

Icon	Battery level
	High
	Medium
	Low
	Needs charging.
	Empty

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

Operation	Operating time
In continuous use	13 hours max.*1
Not in use (standby)	11 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.

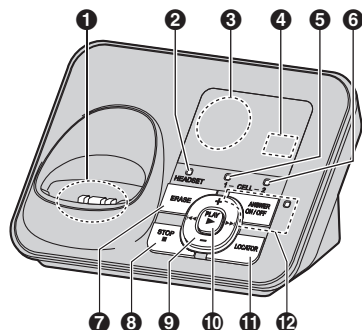
## Intelligent eco mode

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.

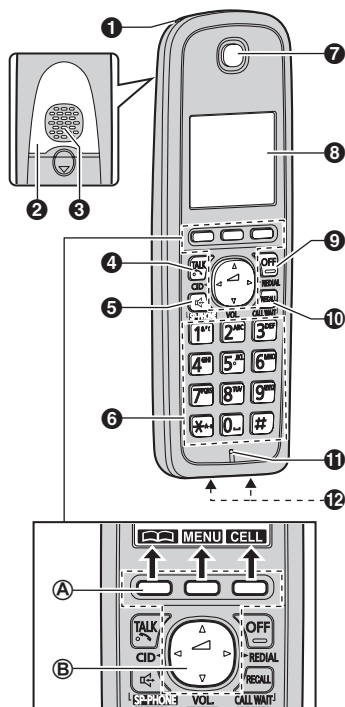
## Controls

### Base unit



- 1 Charge contacts
- 2 HEADSET indicator
- 3 Speaker
- 4 Message counter
- 5 CELL 1 indicator
- 6 CELL 2 indicator
- 7 [ERASE]
- 8 [■] (STOP)
- 9 [+]/[-] (Volume up/down)  
[<<]/[>>] (Repeat/Skip)
- 10 [▶] (PLAY)  
Message indicator
- 11 [LOCATOR]
- 12 [ANSWER ON/OFF]  
ANSWER ON/OFF indicator

## Handset



- 1 Charge indicator**  
**Ringer indicator**  
**Message indicator**
- 2 Non-slip pad**
- Non-slip pad offers support when you cradle the handset between your shoulder and ear.
- 3 Speaker**
- 4 [TALK]**
- 5 [SP-PHONE: Speakerphone]**
- 6 Dial keypad**
- 7 Receiver**
- 8 Display**
- 9 [OFF]**
- 10 [RECALL] [CALL WAIT]**

- 11 Microphone**
- 12 Charge contacts**

## ■ Control type

## A Soft keys

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








## B Navigator key

- [▲], [▼], [◀], or [▶]: Scroll through various lists and items.
- ◀ VOL. (Volume: [▲] or [▼]): Adjust the receiver or speaker volume while talking.
- [◀] CID (Caller ID): View the caller list.
- [▶] REDIAL: View the redial list.

## Display/Indicators

## Handset display items

Item	Meaning
	Within base unit range
	Out of base unit range
	The landline is in use. <ul style="list-style-type: none"> <li>When flashing: The call is put on hold.</li> <li>When flashing rapidly: An incoming call is now being received.</li> </ul>
	A cellular line is in use. <ul style="list-style-type: none"> <li>When flashing: The cellular call is put on hold.</li> <li>When flashing rapidly: A cellular call is being received.</li> </ul>

Item	Meaning
 <sup>1</sup> / <sub>2</sub>	A cellular phone is connected.* <sup>1</sup> Ready to make/receive cellular calls. <ul style="list-style-type: none"> <li>When turned off: A cellular phone is not connected to the base unit (page 18).</li> </ul>
<b>C1</b> <b>C2</b>	<ul style="list-style-type: none"> <li>The cellular line is selected for the ringer setting.</li> <li>A cellular call is being received on that line.</li> </ul>
<b>ECO</b>	Eco mode is on.* <sup>2</sup> (page 12)
<b>EQ</b>	Equalizer is set. (page 23)
	Speakerphone is on. (page 21)
 <sup>1</sup>	Ringer volume is off.* <sup>3</sup> (page 31, 33)
	Night mode is on. (page 36)
<b>PRIV.</b>	Privacy mode is on. (page 24)
	Alarm is on. (page 36)
<b>1</b>	Handset number
	Battery level
	Blocked call* <sup>4</sup> (page 37)
<b>In use</b>	Answering system is being used by another handset or the base unit.
<b>Cell11 in use</b>	Someone is using the cellular line.
<b>Cell12 in use</b>	
<b>Line in use</b>	Someone is using the landline.


\*<sup>1</sup> Corresponding cellular line(s) is indicated next to the item.

\*<sup>2</sup> During a cellular call, the item is not displayed even though the feature is activated.

\*<sup>3</sup> Corresponding lines (1, 2: cellular line, L: landline) are indicated next to the item. If all lines are turned off, no line is indicated.

\*<sup>4</sup> Caller ID subscribers only

## Base unit display item

Item	Meaning
	Answering system answers calls with a greeting message and caller messages are not recorded. ("Selecting <b>Greeting only</b> ", page 52)

## CELL 1/CELL 2 indicators on the base unit

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

Status	Meaning
Green (On)	A cellular phone is connected. Ready to make/receive cellular calls.
Green (Flashing)	<ul style="list-style-type: none"> <li>The cellular line is in use.</li> <li>Phonebook entries are being copied from a cellular phone (page 44).</li> </ul>
Green (Flashing rapidly)	A cellular call is being received.
Amber (On)	A cellular phone is not connected to the base unit (page 18).
Amber (Flashing rapidly)	The base unit is searching for the registered cellular phone.

Status	Meaning
Red (Flashing)	<ul style="list-style-type: none"> <li>– The base unit is registering a cellular phone.</li> <li>– A cellular call is put on hold.</li> </ul>
Light off	A cellular phone is not registered to the base unit.

### HEADSET indicator on the base unit

The HEADSET indicator shows the Bluetooth headset status.

Status	Meaning
Green (On)	A Bluetooth headset is connected to the base unit. Ready to use it.
Green (Flashing)	A Bluetooth headset is in use.
Green (Flashing rapidly)	A landline call is being received.
Amber (On)	The Bluetooth headset is not connected to the base unit.
Amber (Flashing rapidly)	The base unit is searching for the registered Bluetooth headset.
Red (Flashing)	The base unit is registering a headset.
Light off	A Bluetooth headset is not registered to the base unit.



## Initial settings

### ■ Direct command code:

Programmable settings can be accessed by pressing **[MENU]**, **[#]** and then the corresponding code on the dial keypad (page 29).

**Example:** Press **[MENU][#101]**.

### ■ Symbol meaning:

Symbol	Meaning
	Perform with the handset.
	Perform with the base unit.
<b>Example:</b> <b>[↕]: "o££"</b>	Press <b>[▼]</b> or <b>[▲]</b> to select the words in quotations.

## Date and time

- [MENU][#101]**
- Enter the current date, month, and year by selecting 2 digits for each.  
**Example:** 15 July, 2012  
**[1][5][0][7][1][2]**
- [OK]**
- Enter the current hour and minute (12-hour clock format) by selecting 2 digits for each.  
**Example:** 9:30  
**[0][9][3][0]**
- [AM/PM]:** Select **"AM"** or **"PM"**.
- [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 register and connect your cellular phones to the base unit (page 16). 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) with better reception.
- maximise the benefits of cellular services (such as free night and weekend calls, or cellular to cellular call plans) by utilising 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:

- Up to 2 cellular phones can be registered. However, only one Bluetooth device (cellular phone or headset) can be connected to the base unit 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.

#### Trademarks

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

### Registering a cellular phone

#### Important:

- Before registering a Bluetooth enabled cellular phone to the base unit:
  - we recommend you change the PIN (page 19).
  - make sure that no Bluetooth device such as a Bluetooth headset is connected to your cellular phone.

#### 1 Handset: [MENU]

For CELL 1: **#6241**

For CELL 2: **#6242**

- After the CELL 1 or CELL 2 indicator on the base unit starts flashing red, 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 red, follow the instructions of your cellular phone to enter the registration 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 registration.
- When the CELL 1 or CELL 2 indicator lights green, the cellular phone is connected to the base unit. You are ready to make cellular calls.

#### 4 To select which unit receives calls for the cellular line, press [OK] then continue from step 3, “Selecting which unit receives cellular calls”, page 17.

- If not required, go to step 5.



## 5 [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 registration if you want to register it to the other line (page 19).

## 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.

#### 1 [MENU]

2 For CELL 1: **#6271**  
For CELL 2: **#6272**

3 [**↕**]: Select the desired handset or "All".

#### 4 [SAVE] → [OFF]

### Note:

- When you select a specific handset to receive calls for a cellular line, other handsets cannot answer the calls.
- 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.

### 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 33).

- "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.

#### 1 [MENU]

2 For CELL 1: **#6141**  
For CELL 2: **#6142**

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

#### 4 [SAVE] → [OFF]

### Note:

- The units use the preset ringer tones (page 33) 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).
  - 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 33).

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

Select "Off" in step 3, "Ring as cell mode", page 17.

To change the handset ringer tone for a cellular line, see page 31.

### Auto connection to the cellular phone

After registration, 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 specification of your cellular phone for more details.

1 **[MENU]** **#** **6** **3** **2**

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

3 **[SAVE]** → **[OFF]**

#### Note:

- Some cellular phone may ask you if you accept the connection requirement from the base unit. In that case, select "off" in step 2. Check the specification of your cellular phone.

### Connecting/disconnecting the cellular phone manually

When you make or answer calls with your cellular phone, we recommend disconnecting it from the base unit,

otherwise received audio may not be heard on your cellular phone.

You can also manually reconnect the cellular phone to the base unit without waiting for the auto connection feature to resume the connection.

1 **[MENU]**

2 **To connect/disconnect:**

For CELL 1: **#** **6** **2** **5** **1**

For CELL 2: **#** **6** **2** **5** **2**

- A long beep sounds.

3 **[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.

1 **[MENU]** **#** **1** **5** **7**

2 **To turn on:**

**[↕]**: "On" → **[SELECT]** →

**[↕]**: "Yes" → **[SELECT]**

**To turn off:**

**[↕]**: "off" → **[SELECT]**

#### Note:

- Once you set this mode, you can use **[📶]** or **[📞]** instead of **[CELL]** (page 21).
- Once you set this mode, the following features cannot be used:
  - Landline features (page 34)
  - Answering system (page 47)
  - Voice mail features (page 53)
- 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.
  - **📶** will be displayed on the handset momentarily. The handset can be used once **📶** 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 18.

## 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.

The following settings are available:

- “**Manual**” (default): You can select the desired cellular line when making a call.
- “Cellular phone 1”: CELL 1 is selected.
- “Cellular phone 2”: CELL 2 is selected.

**1 [MENU]#634**

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

**3 [SAVE] → [OFF]**

## 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.

**1 [MENU]#633**

**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 register 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 70.

**1 [MENU]#619**

**2** Enter the new 4-digit PIN. → **[OK]**

**3** Enter the new 4-digit PIN again. → **[SAVE]**

**4 [OFF]**

## Changing the PIN for the second time



Follow step 1, “Changing the Bluetooth PIN (Personal Identification Number)”, page 19. Enter the current 4-digit PIN, then continue from step 2.

## Deregistering Bluetooth devices

A handset can cancel the registration of another Bluetooth device (cellular phone or headset) that is stored to the base unit.

**1 [MENU]#134**

**2 [↕]:** Select the desired device. → **[SELECT]**

-  indicates a cellular phone, and
-  indicates a headset.

**3 [↕]:** “Yes” → **[SELECT]**

- When the cellular phone is deregistered, the CELL 1 or CELL 2 indicator is turned off.

- When the headset is deregistered, the HEADSET indicator is turned off.

### **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 green (page 14).

- 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 registered.
    - a specific line is set to make cellular calls (page 19).

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 registered.
- a specific line is set to make cellular calls (page 19).

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

### Erasing a number in the redial list

- 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

- 1 **[▶]** REDIAL
- 2 **[↕]**: Select the desired phone number.
- 3 **[📞]**

### 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 28).

**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. Repeat as needed to create longer pauses.

## Answering calls

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

- 1 Lift the handset and press **[📞]** or **[📞]** when the unit rings.
  - 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 33.

### 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.
- 3 **[SAVE] → [OFF]**

### Temporary handset ringer off

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

### Adjusting the base unit ringer volume

#### ■ While the base unit is ringing for an incoming call:

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

- To turn the ringer off, press and hold **[-]** until the unit beeps.

#### ■ 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] → [OFF]**

## 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 registered.
        - the line is set to make cellular calls (page 19).
- To release hold on the landline:**  
Press **[↶]**.
- Another handset user can take the call by pressing **[↶]**.

#### Note:

- If a call is kept on hold for more than 9 minutes, an alarm tone starts to sound and the ringer indicator flashes rapidly. After 1 additional minute on hold, the call is disconnected.
- If another phone is connected to the same line, you can also take the call by lifting its handset.

### Mute

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

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

#### Note:

- **[MUTE]** is a soft key visible on the handset 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 34.

### 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 emphasise existing line noise. If it becomes difficult to hear, turn this feature off.
- This feature is not available while using the speakerphone.

### Call share

You can join an existing outside call.

### Important:

- When the privacy mode is on, you cannot join the conversation. Turn it off.

### ■ 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 registered.
    - the line is set to make cellular calls (page 19).
- 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)**

---

### Privacy mode

When the privacy mode is “On”, the unit prevents other users from joining your conversations with outside callers. To allow other users to join your conversations (call share), leave this feature off. The default setting is “Off”.

- 1 **[MENU]#194**
- 2 **[↕]**: Select “On” or “Off”.
- 3 **[SAVE] → [OFF]**
  - When the privacy mode is turned on, **PRIV** is displayed during an outside call.

---

## 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 registered.
    - the line is set to make cellular calls (page 19).
- 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 33), and the 2nd caller's information is displayed if you subscribe to Caller ID (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 **[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 registered.
- a specific line is set to make cellular calls (page 19).

**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]**.

# Shared phonebook

The shared phonebook allows you to make calls without having to dial manually. Any handset registered to the base unit can use the shared phonebook. You can add 3,050 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 42).
- You can copy phonebook entries from a Bluetooth cellular phone to the unit's shared phonebook (page 44).

## Adding entries

- 1 **[📖] → [ADD]**
- 2 Enter the party's name (16 characters max.). → **[OK]**
- 3 Enter the party's phone number (24 digits max.). → **[OK]**
- 4 **[↕]**: Select the desired group. → **[SELECT]** 2 times
  - To add other entries, repeat from step 2.
- 5 **[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 **[X]** (A→a).

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

- 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 42).

## Finding and calling from a phonebook entry

### Scrolling through all entries

#### ■ Using a cellular line

- 1 **[📖]**
- 2 **[↕]**: Select the desired entry.
- 3 **[CELL]**
  - The unit starts dialling when:
    - only 1 cellular phone is registered.
    - a specific line is set to make cellular calls (page 19).
- 4 **[↕]**: Select the desired cellular phone. → **[SELECT]**

#### ■ Using the landline

- 1 **[📖]**
- 2 **[↕]**: Select the desired entry.
- 3 **[📞]**

### Searching by first character

- 1 **[📖]**
- 2 Press the dial key (**[0]** – **[9]** or **[#]**) which contains the character you are searching for (page 26).
  - 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, “Scrolling through all entries”, page 27.

### Searching by query

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

- 1 **[📖]** → **[\*]**
- 2 To search for the name, enter the first characters (up to 4) in uppercase (page 26).
  - 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, “Scrolling through all entries”, page 27.

### Searching by group

- 1 **[📖]** → **[GROUP]**
- 2 **[↕]**: Select the group you want to search. → **[SELECT]**
  - If you select “**A11**”, the unit ends the group search.
- 3 **[↕]**: Select the desired entry.
- 4 To make a cellular/landline call, continue from step 3, “Scrolling through all entries”, page 27.

### Editing entries

- 1 Find the desired entry (page 27). → **[MENU]**
- 2 **[↕]**: “Edit” → **[SELECT]**

## Shared Phonebook

---

- 3 Edit the name if necessary (16 characters max.; page 26). → **[OK]**
  - 4 Edit the phone number if necessary (24 digits max.). → **[OK]**
  - 5 **[↕]**: Select the desired group (page 27). → **[SELECT]** 2 times
  - 6 **[OFF]**
- 

## Erasing entries

---

### Erasing an entry

- 1 Find the desired entry (page 27). → **[ERASE]**
  - 2 **[↕]**: "Yes" → **[SELECT]**
  - 3 **[OFF]**
- 

### Erasing all entries in a group

- 1 **[📖]** → **[MENU]**
  - 2 **[↕]**: "Erase all" → **[SELECT]**
  - 3 **[↕]**: Select the desired group. → **[SELECT]**
  - 4 **[↕]**: "Yes" → **[SELECT]**
  - 5 **[↕]**: "Yes" → **[SELECT]**
  - 6 **[OFF]**
- 

## Chain dial

---

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

- 1 During an outside call:  
**[MENU]** → **[↕]**: "Phonebook"  
→ **[SELECT]**
- 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).

## Programmable settings

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


### ■ Scrolling through the display menus

- 1 **[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]**.

### ■ Using the direct command code


- 1 **[MENU]** → Enter the desired code.  
Example: Press **[MENU][#][1][0][1]**.
- 2 Select the desired setting. → **[SAVE]**
  - This step may vary depending on the feature being programmed.
  - To exit the operation, press **[OFF]**.

#### Note:


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

## Display the menu tree and direct command code table


Main menu:  "Caller list"

Operation	Code	
Viewing the caller list.	#213	42

Main menu:  "Answering device"

Sub-menu 1	Sub-menu 2	Settings	Code	
Play new msg. (msg.: message)	—	—	#323	49
Play all msg.	—	—	#324	49
Erase all msg.* <sup>1</sup>	—	—	#325	50


## Programming

Sub-menu 1	Sub-menu 2	Settings	Code	
Greeting	Record greeting <sup>*1</sup>	—	#302	48
	Check greeting	—	#303	48
	Pre-recorded <sup>*1</sup> (Reset to pre-recorded greeting)	—	#304	48
Settings	Ring count <sup>*1</sup>	2-9: 2-9 rings <5 rings> 0: Toll saver	#211	51
	Recording time <sup>*1</sup>	1: 1 min 3: <3 min> 0: Greeting only <sup>*2</sup>	#305	52
	Remote code <sup>*1</sup>	—	#306	50
	Screen call	1: <On> 0: Off	#310	47
Answer on <sup>*1</sup>	—	—	#327	47
Answer off <sup>*1</sup>	—	—	#328	47


Main menu:  "V.M. access"<sup>\*3</sup> (V.M.: Voice mail)

Operation	Code	
Listening to voice mail messages.	#330	53


Main menu:  "Intercom"

Operation	Code	
Paging the desired unit.	#274	55


Main menu:  "Bluetooth"

Sub-menu 1	Sub-menu 2	Settings	Code	
Link to cell – 1: Add new device <sup>*4</sup> (for CELL 1) – 2: Add new device <sup>*4</sup> (for CELL 2)	Connect <sup>*1</sup> / Disconnect <sup>*1</sup>	–	#6251 <sup>*5</sup> #6252 <sup>*6</sup>	18
	Ringer volume – Handset <sup>*7</sup>	0–6: Off–6 <6>	#6281 <sup>*5</sup> #6282 <sup>*6</sup>	22
	Ringer volume – Base unit <sup>*1, *7</sup>	0–6: Off–6 <3>	#*6281 <sup>*5</sup> #*6282 <sup>*6</sup>	22
	Ringer tone <sup>*8, *9</sup>	1–5: Tone 1–5 <Tone 2> <sup>*5</sup> <Tone 4> <sup>*6</sup> 6–0: Melody 1–5	#6291 <sup>*5</sup> #6292 <sup>*6</sup>	–
	Select unit to ring <sup>*1</sup>	1–6: Handset 1–6 *: <All>	#6271 <sup>*5</sup> #6272 <sup>*6</sup>	17
	Ring as cell (limited) <sup>*1</sup>	1: <On (with Talking CID)> 2: On (without Talking CID) 0: Off	#6141 <sup>*5</sup> #6142 <sup>*6</sup>	17
	Registration	–	#6241 <sup>*5</sup> #6242 <sup>*6</sup>	16
Phonebook transfer	–	–	#618	44
Headset	Add new device <sup>*4</sup>	–	#621	45
	Connect <sup>*1</sup> / Disconnect <sup>*1</sup>	–	#622	45
	Registration	–	#621	45


## Programming


Sub-menu 1	Sub-menu 2	Settings	Code	
Settings	Auto connect* <sup>1</sup>	1: <1 min> 2: 3 min 3: 5 min 4: 10 min 0: Off	#632	18
	Cell area code* <sup>1</sup>	—	#633	19
	Cell line only mode* <sup>1</sup>	1: On 0: <Off>	#157	18
	Cell line select	1: Cellphone 1* <sup>4</sup> 2: Cellphone 2* <sup>4</sup> 0: <Manual>	#634	19
	Set PIN* <sup>1</sup>	<0000>	#619	19
Deregistration* <sup>2</sup>	—	—	#134	19


Main menu:  “Set date & time”

Sub-menu 1	Sub-menu 2	Settings	Code	
Date and time* <sup>1</sup>	—	—	#101	15
Alarm	—	1: Once 2: Daily 0: <Off>	#720	36
Time adjustment* <sup>1</sup> , * <sup>10</sup>	—	1: <Caller ID auto> 0: Manual	#226	—



Main menu:  "Initial setting"

Sub-menu 1	Sub-menu 2	Settings	Code	
Ringer setting	Ringer volume – Handset <sup>*3, *7</sup>	0–6: Off–6 <6>	#160	22
	Ringer volume – Base unit <sup>*1, *3, *7</sup>	0–6: Off–6 <3>	#*160	22
	Ringer tone <sup>*3, *8, *9</sup> (Handset)	1–5: Tone 1–5 <Tone 1> 6–0: Melody 1–5	#161	–
	Interrupt tone <sup>*11</sup>	1: <On> 0: Off	#201	24
	Night mode – On/Off	1: On 0: <Off>	#238	36
	Night mode – Start/End	<11:00 PM/06:00 AM>	#237	36
Set date & time	Date and time <sup>*1</sup>	–	#101	15
	Alarm	1: Once 2: Daily 0: <Off>	#720	36
	Time adjustment <sup>*1, *10</sup>	1: <Caller ID auto> 0: Manual	#226	–
Talking Caller ID	Handset	1: <On> 0: Off	#162	40
	Base unit <sup>*1</sup>	1: <On> 0: Off	#*162	
Handset name	–	–	#104	37
Caller barred <sup>*1</sup>	–	–	#217	37
Voice mail <sup>*3</sup>	Store VM access# <sup>*1</sup> (VM: Voice mail)	–	#331	53
Message alert	–	1: <On> 0: Off	#340	52
LCD contrast (Display contrast)	–	1–6: Level 1–6 <3>	#145	–
Key tone <sup>*12</sup>	–	1: <On> 0: Off	#165	–
Landline area code <sup>*1, *3</sup>	–	–	#255	42
Auto talk <sup>*13</sup>	–	1: On 0: <Off>	#200	22

Sub-menu 1	Sub-menu 2	Settings	Code	
Set tel line <sup>*3</sup>	Set recall time <sup>*1, *14, *15</sup>	<b>0:</b> 900 ms <b>1:</b> 700 ms <b>2:</b> 600 ms <b>3:</b> 400 ms <b>4:</b> 300 ms <b>5:</b> 250 ms <b>*:</b> 200 ms <b>#:</b> 160 ms <b>6:</b> 110 ms <b>7:</b> <100 ms> <b>8:</b> 90 ms <b>9:</b> 80 ms	<b>#121</b>	23
	Set line mode <sup>*1, *16</sup>	<b>1: A 2: &lt;B&gt;</b>	<b>#122</b>	—
Privacy mode <sup>*1</sup>	—	<b>1: On 0: &lt;Off&gt;</b>	<b>#194</b>	23
Repeater mode <sup>*1</sup>	—	<b>1: &lt;On&gt; 0: Off</b>	<b>#138</b>	57
Registration	Register handset	—	<b>#130</b>	38
	Deregistration <sup>*2</sup>	—	<b>#131</b>	39
Country <sup>*1</sup>	—	<b>1: &lt;Australia&gt;</b> <b>2: Newzealand</b>	<b>#136</b>	38

- <sup>\*1</sup> If you program these settings using one of the handsets, you do not need to program the same item using another handset.
- <sup>\*2</sup> This menu is not displayed when scrolling through the display menus. It is only available in direct command code.
- <sup>\*3</sup> When the cellular line only mode is turned on, these menus are not displayed (page 18).
- <sup>\*4</sup> After the Bluetooth device is registered, the device name is displayed.
- <sup>\*5</sup> For CELL 1
- <sup>\*6</sup> For CELL 2
- <sup>\*7</sup> Ringer volume cannot be turned off for alarm, intercom calls, and paging.
- <sup>\*8</sup> If you select one of the melody ringer tones, the ringer tone continues to play for several seconds even if the caller has already hung up. You may either hear a dial tone or no one on the line when you answer the call.
- <sup>\*9</sup> The preset melodies in this product are used with permission of © 2009 Copyrights Vision Inc.
- <sup>\*10</sup> 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 15).
- <sup>\*11</sup> 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.

- \*12 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.
- \*13 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.
- \*14 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)
- \*15 The default setting will be as follows if you select the following regional code when changing the unit's region setting (page 38):  
"**Newzealand**" = "**600 ms**"
- \*16 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.

## 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 15).

1 **[MENU]** **#** **7** **2** **0**

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 month and date.  
→ **[OK]**


4 Set the desired time.

5 **[AM/PM]**: 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 will not ring for outside calls. This feature is useful for time periods when you do not want to be disturbed, for example, while sleeping. Night mode can be set for each handset.

#### Important:

- Set the date and time beforehand (page 15).
- We recommend turning the base unit ringer off (page 31, 33) in addition to turning the night mode on.
- If you have set the alarm, the alarm sounds even if the night mode is turned on.

#### Turning night mode on/off

1 **[MENU]** **#** **2** **3** **8**

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 **[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]** → **[OFF]**

- When the night mode is set,  is displayed.

#### Changing the start and end time

1 **[MENU]** **#** **2** **3** **7**

2 Continue from step 3, “Turning night mode on/off”, page 36.

## Changing the handset name

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

- 1 **[MENU]#104**
- 2 Enter the desired name (max. 10 characters; see the character table, page 26).
  - 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 37).

When a call is received, the unit rings for a short time while the caller is being identified. If the phone number matches an entry in the call barred list:

- cellular calls are rejected.
- landline calls are disconnected after the unit first sends out a busy tone to the caller.

### 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 42) with  after the call is disconnected.

## Storing unwanted callers

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

### Important:

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

### ■ From the caller list:

- 1 **[←] CID**
- 2 **[↕]**: Select the entry to be barred.
- 3 **[SAVE]**
- 4 **[↕]**: "Caller barred" → **[SELECT]**
- 5 **[↕]**: "Yes" → **[SELECT]**
- 6 Edit the phone number if necessary (24 digits max.).
- 7 **[SAVE] → [OFF]**

### ■ By entering phone numbers:

- 1 **[MENU]#217 → [ADD]**
- 2 Enter the phone number (24 digits max.).
  - To erase a digit, press **[CLEAR]**.
- 3 **[SAVE] → [OFF]**

## Viewing/editing/erasing bar call numbers

- 1 **[MENU]#217**
- 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]**

### Note:

- 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 29)
  - Time adjustment
  - Base unit ringer volume
  - Landline area code
  - Line mode
  - Privacy mode
  - Bluetooth settings (page 32)
  - Group ringer tone
  - Talking Caller ID (Base unit setting only)
  - Caller list
  - Voice mail messages and access number
  - Cellular phones settings (Base unit setting only) (page 31)
- 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 registration
  - Headset registration

- 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 34)
- After changing the unit's region setting/resetting the base unit, **Y** is displayed on the handset momentarily. This is normal and the handset can be used once **Y** is displayed.

## 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]** **#** **1** **3** **0**
- 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]**

# 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

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

Caller information for the last 50 callers is logged in the caller list from the most recent call to the oldest.

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

---

### Missed calls

If a call is not answered, the unit treats it as a missed call. The display shows “**Missed call**”. This lets you know if you should view the caller list to see who called while you were away.

### 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.

---

### 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)

If you subscribe to Caller ID service, your 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 after you hear the call waiting tone on the handset.

- 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

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 33).
- store the name and phone number in the phonebook (page 26).

### 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 31, 33).
- Depending on the number of rings setting (page 51), 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

You can select the desired ringer tone to a group that each phonebook entry is assigned (page 27). 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 17, 31, 33) after caller information is displayed. If you select "**Current ringer**" (default), the unit uses the called line's ringer tone when calls from this group are received.

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

- 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 15).

### Viewing the caller list and calling back





#### ■ Using a cellular line

- 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 registered.
- a specific line is set to make cellular calls (page 19).

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

#### ■ Using the landline

- 1 **[]** CID
- 2 Press **[]** to search from the most recent call, or **[]** to search from the oldest call.
- 3 To call back, press **[]**. To exit, press **[OFF]**.

#### Note:

- If the entry has already been viewed or answered, "**✓**" is displayed, even if it was viewed or answered using another unit.
- In step 2, if **[▶]** is displayed, not all of the information is shown. To see the remaining information: Press **[▶]**. To return to the previous screen, press **[◀]**.
- **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 42).

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

In some situations, phone numbers stored automatically in the caller list (page 42) 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".

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

**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 53).

**Note for New Zealand:**

- The use of this feature can prevent a National Call from being dialed. 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**

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

**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)

**1** **[◀]** CID

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

**3** **[SELECT]**\*1 → **[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]**.

\*1 You need to press **[SELECT]** if a cellular phone is registered.

**4 Using a cellular line:**

To make a cellular call, continue from step 4, "Viewing the caller list and calling back", page 42.

**Using the landline:**

**[↩]**

**Note:**

- The edited phone number is not saved in the caller list.

**Erasing selected caller information**

**1** **[◀]** CID

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

**3** **[ERASE]** → **[↕]**: "Yes"

**4** **[SELECT]** → **[OFF]**

**Erasing all caller information**

**1** **[◀]** CID

**2** **[ERASE]** → **[↕]**: "Yes"

**3** **[SELECT]** → **[OFF]**

**Storing caller information to the phonebook**

**1** **[◀]** CID

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

**3** **[SAVE]**

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

**5** Continue from step 3, "Editing entries", page 27.

## Copying phonebook from a cellular phone (phonebook transfer)

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

### 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.
- The stored phonebook entries with the international prefix "+" in the cellular phone are copied in the base unit without the prefix "+". Edit such entries after completing copying to add an international prefix other than "+" (page 26).

**1 Handset:**  
[MENU] # 6 1 8

**2 Handset:**  
To copy from registered 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 registered to.

To copy from other cellular phones (not registered):

[↕]: "Other cell" → [SELECT]  
→ [↕]: Select the group you want to copy to. → [SELECT]

**3 When "Transfer phonebook from cell." 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.

### 4 Cellular phone:

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

- For other cellular phones (not registered), 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 26). 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.

---

## Using a Bluetooth wireless headset (optional) for landline calls

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

### Important:

- 1 headset can be registered 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.

---

## Registering 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 registration mode.

- Refer to the headset operating instructions.

### 2 Handset:

**[MENU]#621**

### 3 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 the HEADSET indicator on the base unit lights green, you are ready to use the headset.

---

## 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.

### 1 To connect/disconnect:

**[MENU]#622**

- A long beep sounds.

### 2 [OFF]

---

## Deregistering a headset

You can cancel a registration of the headset that is stored to the base unit. See "Deregistering Bluetooth devices", page 19.

---

## 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.

## Using Bluetooth Devices

---

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 **[■]** (STOP) on the base unit.

---

### Switching from the base unit to your headset

While listening to messages recorded on the base unit answering system, you can only switch from the base unit to your headset. Turn on the headset referring to your headset operating instructions.

---

### Call sharing between your headset and the handset

#### Important:

- To activate this feature, you should set privacy mode to off beforehand (page 34).

#### ■ 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 52).

### 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 15).
- When the cellular line only mode is set (page 18), 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 display.
  - The ANSWER ON/OFF indicator on the base unit flashes rapidly if the answering system is turned on.

- The message counter on the base unit flashes 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.
  - The message counter on the base unit displays the total number of messages (old and new).

## Call screening

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 **[📞]**. Call screening

can be set for each handset. The default setting is "On".

- 1 **[MENU]** **#** **3** **1** **0**
- 2 **[↕]**: Select the desired setting. → **[SAVE]** → **[OFF]**

## 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

- 1 **[MENU]** **#** **3** **0** **2**
- 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 52) 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.

- 1 **[MENU]** **#** **3** **0** **4**
- 2 **[YES]** → **[OFF]**

## Playing back the greeting message

- 1 **[MENU]** **#** **3** **0** **3**
- 2 **[OFF]**

## Listening to messages using the base unit

When new messages have been recorded:

- **[▶]** on the base unit flashes.

Press **[▶]**.

- If new messages have been recorded, the base unit plays back new messages.
- If there are no new messages, the base unit plays back all messages.

## Operating the answering system during playback

Key	Operation
<b>[+] or [-]</b>	Adjust the speaker volume
<b>[⏮]</b>	Repeat message*1
<b>[⏭]</b>	Skip message
<b>[■] (STOP)</b>	Stop playback
<b>[ERASE]</b>	Erase currently playing message



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

## 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.
- The message indicator on the handset flashes slowly if the message alert feature is turned on (page 52).

### 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 **[↶]**.

## Operating the answering system

**[MENU]** → **[↵]**: “Answering device” → **[SELECT]**

Key	Operation
<b>[▲]</b> or <b>[▼]</b>	Adjust the receiver/speaker volume (during playback)
<b>[1]</b> or <b>[◀]</b>	Repeat message (during playback)*1
<b>[2]</b> or <b>[▶]</b>	Skip message (during playback)
<b>[3]</b>	Enter the “Settings” menu
<b>[4]</b>	Play new messages

Key	Operation
<b>[5]</b>	Play all messages
<b>[6]</b>	Play greeting message
<b>[7]</b> <b>[6]</b>	Record greeting message
<b>[8]</b>	Turn answering system on
<b>[PAUSE]</b>	Pause message*2
<b>[9]</b> or <b>[STOP]</b>	Stop recording Stop playback
<b>[0]</b>	Turn answering system off
<b>[✕]</b> <b>[4]</b> *3	Erase currently playing message
<b>[✕]</b> <b>[5]</b>	Erase all messages
<b>[✕]</b> <b>[6]</b>	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:

**[ERASE]** → **[↵]**: “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]**

### 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.

- 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 50.

- 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 50).
- 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
<b>[1]</b>	Repeat message (during playback)*1
<b>[2]</b>	Skip message (during playback)
<b>[4]</b>	Play new messages
<b>[5]</b>	Play all messages
<b>[9]</b>	Stop playback
<b>[0]</b>	Turn answering system off
<b>[*] [4]</b>	Erase currently playing message
<b>[*] [5]</b>	Erase all messages
<b>[*] [#]</b>	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 50).

## 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 50), 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.

- 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 53). 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 53). 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 47). 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"**.

- 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 52.

#### 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 48).

---

### Message alert

You can select whether or not the message indicator on the handset flashes slowly when new messages are recorded. The default setting is **"On"**.

#### Important:

- If you stored the voice mail access number (page 53), the message indicator also flashes for newly recorded voice mail messages from the landline (page 53).

- 1 **[MENU]#340**
- 2 **[↕]**: Select the desired setting. → **[SAVE] → [OFF]**

#### Note:

- While message alert is on, battery operating time is shortened (page 12).

## 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 47). For details, see page 51.
- You need to store the voice mail access number to activate the message alert feature (page 52) for voice mail service.

## 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 53).

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

**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:

083210	PPPP	8888
VM access number	Pauses	Password

## To erase the voice mail access number

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

**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 on the handset if message indication service is available.
- The message indicator on the handset flashes slowly if the message alert feature is turned on (“Message alert”, page 52).

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

- The speakerphone turns on.

**2** Follow the pre-recorded instructions.

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

**Note:**

- If the handset still indicates there are new messages even after you have listened to all new messages, turn it off by pressing and holding **#** until the handset beeps.

## Intercom

Intercom calls can be made between handsets.

### Note:

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

## Making an intercom call

- 1 **[MENU]** → **[INT]**
- 2 **[↕]**: Select the desired unit. → **[SELECT]**
  - To stop paging, press **[OFF]**.
- 3 When you finish talking, press **[OFF]**.

## Answering an intercom call

- 1 Press **[↩]** to answer the page.
- 2 When you finish talking, press **[OFF]**.

## 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 **[OFF]**.

## Transferring calls, conference calls

Outside calls can be transferred or a conference call with an outside party can be made between 2 handsets.

- 1 During an outside call, press **[INT]** to put the call on hold.
- 2 **[↕]**: Select the desired unit. → **[SELECT]**
- 3 Wait for the paged party to answer.
  - If the paged party does not answer, press **[↩]** to return to the outside call.
- 4 **To complete the transfer:**  
Press **[OFF]**.
  - The outside call is being routed to the destination unit.**To establish a conference call:**  
**[MENU]** → **[↕]**: "Conference" → **[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]** → **[↕]**: "Conference" → **[SELECT]**

## Answering a transferred call

Press **[↩]** to answer the page.

## Installation for DECT repeater




By installing this unit, you can extend the range of your phone system to include areas where reception was previously not available. The unit extends the range in all directions, allowing several floors to be covered.

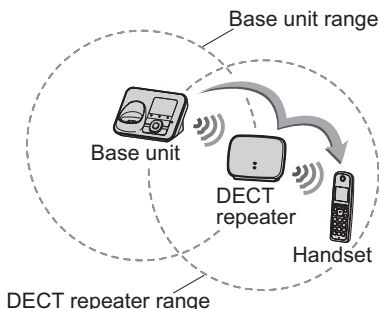
### Important:

- This unit is an accessory unit for use with Panasonic Digital Cordless phones.
- This unit is pre-registered to the base unit.

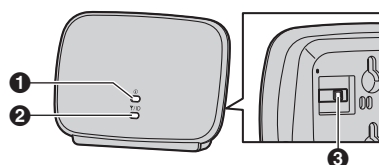
## For best performance

### Placement

- Install the unit within base unit range in an indoor environment. We recommend installing the unit in a raised position (such as on a wall).
- Avoid positioning the unit close to objects that will interfere with reception, such as thick walls, radiators, metal shelving, etc.
- For maximum distance noise-free operation, place the unit away from electrical appliances such as TV, radio, personal computer, or other telephone equipment.
- Keep an appropriate distance from the base unit to maximise the range of your phone system. Find the appropriate location by checking the  indicator. If the  indicator lights red or amber, re-position this unit in a place where the  indicator lights green.



## Controls



- 1**  indicator  
**2**  indicator  
 ID indicator  
**3** **[PROGRAM]**

### indicator and indicator

#### indicator

Status	Meaning
Green (On)	Within base unit range. The unit is ready for use.
Green (Flashing)	Handsets are communicating with the base unit through this unit.
Red (On)	Out of base unit range.
Red (Flashing)	The unit is not registered to the base unit.
Off	The power is off. (AC adaptor is not connected properly.)



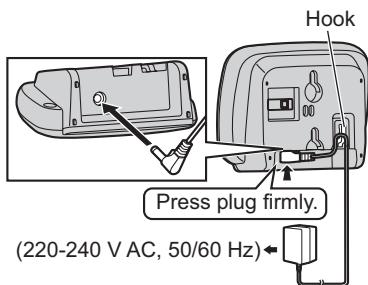
## indicator



Status	Meaning
Green (On)	Signal strength of the base unit is strong.
Amber (On)	Signal strength of the base unit is weak.
Red (On)	Out of base unit range.
Off	<ul style="list-style-type: none"> <li>The unit is not being used.</li> <li>The power is off.</li> </ul>

## Installation

### 1 Connect the unit.

- Use only the supplied Panasonic AC adaptor PQLV219AL.



- When the unit is turned on, the  indicator and  indicator light amber for about 2 seconds.

### 2 Confirm that the indicator and indicator light green. (The unit is ready for use.)

- If the indicators do not light green, re-position the unit in a place where the indicators light green.

#### Note:

- 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 can support a maximum of 3 handsets at a time.



## Setting the repeater mode

This repeater is pre-registered to the base unit and the default setting of repeater mode is "On". You do not need to change this setting for initial use.

1 **[MENU] #138**

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

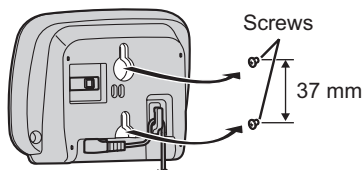
#### Note:

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

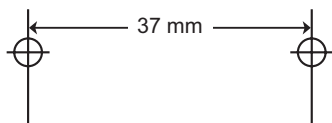
## Wall mounting

#### 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.



## Wall mounting template



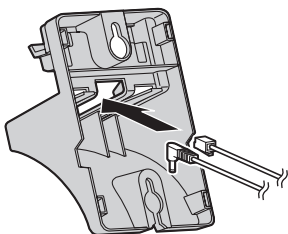
## Wall mounting

### Note:

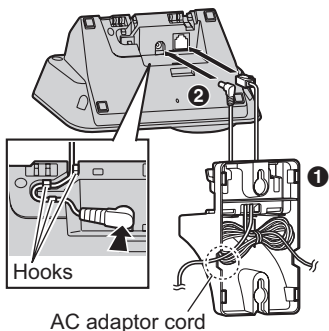
- Make sure that the wall and the fixing method are strong enough to support the weight of the unit.
- Drive the screws (not supplied) into the wall.

### Base unit

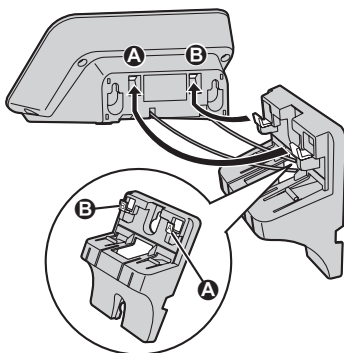
- 1 Lead the AC adaptor cord and telephone line cord through the hole in the wall mounting adaptor in the direction of the arrow.



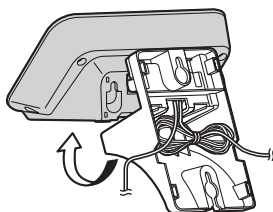
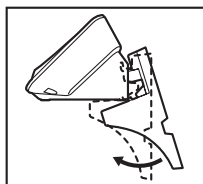
- 2 Tuck the telephone line cord inside the wall mounting adaptor (1). Connect the AC adaptor cord and telephone line cord (2).



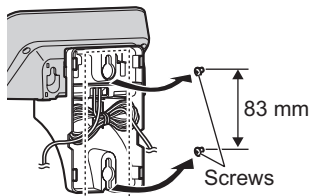
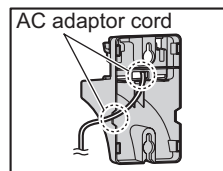
- 3 Insert the hooks on the wall mounting adaptor into holes A and B on the base unit.



- 4 Adjust the adaptor to hold the base unit, then push it in the direction of the arrow until it clicks into place.

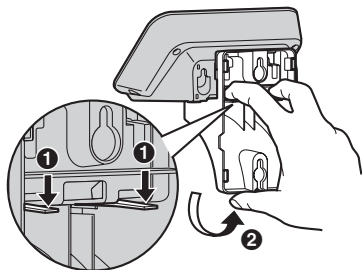


- 5** Mount the unit on a wall then slide down to secure in place.

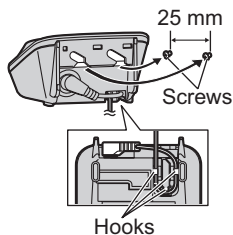


### To remove the wall mounting adaptor

While pushing down the release levers (1), remove the adaptor (2).

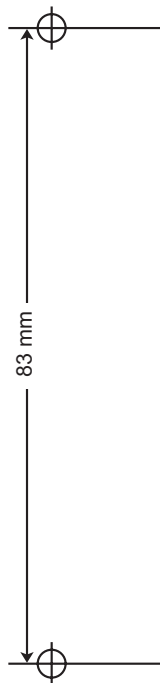


### Charger

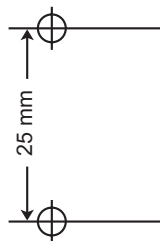


### Wall mounting template

#### ■ Base unit



#### ■ Charger



## Error messages

Display message	Cause/solution
Access # to VM service is not stored	<ul style="list-style-type: none"><li>● You have not stored the voice mail access number. Store the number (page 53).</li></ul>
Base no power or No link. Re-connect base AC adaptor.	<ul style="list-style-type: none"><li>● The handset has lost communication with the base unit. Move closer to the base unit and try again.</li><li>● Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again.</li><li>● The handset's registration may have been cancelled. Re-register the handset (page 38).</li></ul>
Busy	<ul style="list-style-type: none"><li>● No cellular phone is registered to the base unit. Register a cellular phone (page 16).</li><li>● The called unit is in use.</li><li>● Other units are in use and the system is busy. Try again later.</li><li>● The handset you are using is too far from the base unit. Move closer and try again.</li></ul>
Check tel line	<ul style="list-style-type: none"><li>● The supplied telephone line cord has not been connected yet or not connected properly. Check the connections (page 10).</li><li>● If you do not connect the telephone line cord and use only cellular lines, set the cellular line only mode (page 18).</li></ul>
Error!!	<ul style="list-style-type: none"><li>● Recording was too short. Try again.</li><li>● Someone is using a cellular line or headset. Try again later.</li><li>● The phonebook copy is incomplete (page 44). 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.</li></ul>
Failed	<ul style="list-style-type: none"><li>● Although the unit tried to connect to the cellular phone or headset, the connection has failed.<ul style="list-style-type: none"><li>– Someone is using a cellular line or headset. Try again later.</li><li>– Make sure that the cellular phone or headset is not connected to other Bluetooth devices.</li></ul></li></ul>

Display message	Cause/solution
Invalid	<ul style="list-style-type: none"> <li>There is no handset registered to the base unit matching the handset number you entered.</li> <li>The handset is not registered to the base unit. Register the handset (page 38).</li> </ul>
Requires subscription to Caller ID.	<ul style="list-style-type: none"> <li>You must subscribe to a Caller ID service. Once you receive caller information after subscribing to a Caller ID Display service, this message will not be displayed.</li> </ul>
Use rechargeable battery.	<ul style="list-style-type: none"> <li>A wrong type of battery such as Alkaline or Manganese was inserted. Use only the rechargeable Ni-MH batteries noted on page 5, 6.</li> </ul>

## 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.	<ul style="list-style-type: none"> <li>Place the handset on the base unit or charger to turn on the handset.</li> </ul>
The unit does not work.	<ul style="list-style-type: none"> <li>Make sure the batteries are installed correctly (page 11).</li> <li>Fully charge the batteries (page 11).</li> <li>Check the connections (page 10).</li> <li>Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again.</li> <li>The handset has not been registered to the base unit. Register the handset (page 38).</li> </ul>




## Useful Information

Problem	Cause/solution
I cannot register a cellular phone to the base unit.	<ul style="list-style-type: none"><li>● Depending on the compatibility of the cellular phone, you may not be able to register it to the base unit. Confirm that your cellular phone supports the hands-free profile (HFP) specification.</li><li>● 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.</li><li>● The Bluetooth technology on your cellular phone may not be functioning normally. Turn off and on your cellular phone.</li><li>● 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.</li><li>● Some cellular phones may require you to enter the base unit PIN to register. Confirm that you entered the correct PIN.</li></ul>
I cannot connect a cellular phone to the base unit.	<ul style="list-style-type: none"><li>● Confirm that your cellular phone is turned on.</li><li>● Confirm that your cellular phone is within base unit range (page 14).</li><li>● 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 18).</li><li>● The cellular phone has not been registered to the base unit. Register the cellular phone (page 16).</li></ul>
I cannot hear a dial tone.	<ul style="list-style-type: none"><li>● Make sure the base unit's AC adaptor is connected properly (page 10).</li><li>● Make sure that the CELL 1 or CELL 2 indicator lights green (page 14).</li><li>● Make sure the telephone line cord is connected properly (page 10).</li><li>● Disconnect the base unit from the telephone line and connect the line to a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your service provider/telephone company.</li></ul>
The indicator on the handset flashes slowly.	<ul style="list-style-type: none"><li>● New messages have been recorded. Listen to the new messages (page 49).</li><li>● New voice mail messages have been recorded. Listen to the new voice mail messages (page 53).</li></ul>


## Programmable settings

Problem	Cause/solution
I cannot register a handset to a base unit.	<ul style="list-style-type: none"> <li>The maximum number of handsets (6) is already registered to the base unit. Cancel unused handset registrations from the base unit (page 39).</li> </ul>

## Battery recharge

Problem	Cause/solution
The handset beeps and/or  flashes.	<ul style="list-style-type: none"> <li>Battery charge is low. Fully charge the batteries (page 11).</li> </ul>
I fully charged the batteries, but <ul style="list-style-type: none"> <li> still flashes,</li> <li> is displayed, or</li> <li>the operating time seems to be shorter.</li> </ul>	<ul style="list-style-type: none"> <li>Clean the battery ends (<math>\oplus</math>, <math>\ominus</math>) and the charge contacts with a dry cloth and charge again.</li> <li>It is time to replace the batteries (page 11).</li> </ul>

## Making/answering calls, intercom

Problem	Cause/solution
 is displayed.	<ul style="list-style-type: none"> <li>The handset is too far from the base unit. Move closer.</li> <li>The base unit's AC adaptor is not properly connected. Reconnect AC adaptor to the base unit.</li> <li>The handset is not registered to the base unit. Register it (page 38).</li> </ul>
Noise is heard, sound cuts in and out.	<ul style="list-style-type: none"> <li>You are using the handset or base unit in an area with high electrical interference. Re-position the base unit and use the handset away from sources of interference.</li> <li>Move closer to the base unit.</li> <li>If you use a DSL/ADSL service, we recommend connecting a 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)</li> <li>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)</li> </ul>

## Useful Information

Problem	Cause/solution
The handset or base unit does not ring.	<ul style="list-style-type: none"><li>• The ringer volume is turned off. Adjust the ringer volume (page 31, 33).</li><li>• When one handset is selected to ring for cellular calls, other units do not ring. To change the selection, see page 17.</li><li>• Night mode is turned on for the handset. Turn it off (page 36).</li></ul>
I cannot make local calls with the handset using a cellular line.	<ul style="list-style-type: none"><li>• 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 8-digit (for Australia)/7-digit (for New Zealand) phone number when making cellular calls (page 19).</li></ul>
I cannot make or answer cellular calls with the handset.	<ul style="list-style-type: none"><li>• 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.</li><li>• Make sure that the CELL 1 or CELL 2 indicator lights green and the cellular phone is connected to the base unit (page 18).</li><li>• 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.</li><li>• The cellular phone is being used separately from your system.</li></ul>
I can make and answer cellular calls but cannot hear a sound.	<ul style="list-style-type: none"><li>• The Bluetooth technology on your cellular phone may not be functioning normally. Turn off and on your cellular phone.</li><li>• Disconnect and reconnect the base unit AC adaptor and try again.</li></ul>
I cannot switch cellular calls from the unit to the cellular phone.	<ul style="list-style-type: none"><li>• Your cellular phone may not support this feature. Refer to the operating instructions of your cellular phone.</li></ul>
I cannot make a call using the landline.	<ul style="list-style-type: none"><li>• The handset is too far from the base unit. Move closer and try again.</li><li>• The cellular line only mode is turned on. Turn it off (page 18).</li><li>• 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)</li><li>• The unit is not designed to be used with rotary/pulse dialling services.</li></ul>



## Caller ID/Talking Caller ID

Problem	Cause/solution
<p>Caller information is not displayed.</p>	<ul style="list-style-type: none"> <li>● You must subscribe to Caller ID service. Contact your service provider/telephone company for details.</li> <li>● 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.</li> <li>● 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)</li> <li>● 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)</li> <li>● Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again. (for Australia)</li> <li>● 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)</li> </ul>
<p>Caller information is displayed or announced late.</p>	<ul style="list-style-type: none"> <li>● Depending on your service provider/telephone company, the unit may display or announce the caller's information at the 2nd ring or later.</li> <li>● Move closer to the base unit.</li> </ul>

## Useful Information

Problem	Cause/solution
Caller information is not announced.	<ul style="list-style-type: none"><li>• The handset or base unit's ringer volume is turned off. Adjust it (page 31, 33).</li><li>• When one handset is selected to ring for cellular calls, other units do not announce caller information. To change the selection, see page 17.</li><li>• The Talking Caller ID feature is turned off. Turn it on (page 33).</li><li>• The ring as cell mode is set to "On (without Talking CID)". To change the mode, see page 17.</li><li>• Depending on the number of rings setting, the answering system may answer calls before announcing the caller information. Select a different setting (page 51).</li><li>• Your unit does not announce caller information if<ul style="list-style-type: none"><li>– 2 or more handsets are on a call.</li><li>– a headset is in use.</li></ul></li></ul>
Time on the unit has shifted.	<ul style="list-style-type: none"><li>• Incorrect time information from incoming Caller ID changes the time. Set the time adjustment to "Manual" (off) (page 32).</li></ul>

## Using Bluetooth devices

Problem	Cause/solution
I cannot copy phonebook entries from a cellular phone.	<ul style="list-style-type: none"><li>• Confirm that the cellular phone supports Bluetooth wireless technology.</li><li>• Confirm that the cellular phone supports the Phone Book Access Profile (PBAP) or Object Push Profile (OPP) specification.</li><li>• 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.</li><li>• Someone is using a cellular line or headset. Try again later.</li><li>• Turn the cellular phone off, then turn it on and try again.</li><li>• If an entry is already stored in the unit's shared phonebook, the entry cannot be copied even by selecting another group.</li></ul>
I cannot have a conversation using the headset.	<ul style="list-style-type: none"><li>• Your Bluetooth headset is not registered. Register it (page 45).</li><li>• Turn your headset off, then turn it on and try again.</li></ul>

Problem	Cause/solution
Noise is heard during a call on the headset.	<ul style="list-style-type: none"> <li>● 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.</li> </ul>
I cannot connect my headset to the base unit.	<ul style="list-style-type: none"> <li>● Confirm that your headset is turned on.</li> <li>● If your headset is already connected to another Bluetooth device such as your cellular phone, disconnect the headset from your cellular phone, then perform the connecting procedure from the base unit.</li> <li>● If someone is using a cellular line, you cannot connect the headset. There can be only one active Bluetooth connection at a time.</li> <li>● The headset has not been registered to the base unit. Register the headset (page 45).</li> </ul>
Some headset enhanced features are not available.	<ul style="list-style-type: none"> <li>● The base unit does not support enhanced features such as Last number redial or Call reject.</li> </ul>
An error tone is heard when I try to program the Bluetooth feature.	<ul style="list-style-type: none"> <li>● The Bluetooth feature cannot be accessed immediately after connecting the AC adaptor to the base unit. Wait a few seconds and try again.</li> <li>● 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.</li> </ul>

### Answering system

Problem	Cause/solution
The unit does not record new messages.	<ul style="list-style-type: none"><li>● The answering system is turned off. Turn it on (page 47).</li><li>● The answering system does not answer or record calls from cellular lines.</li><li>● The message memory is full. Erase unnecessary messages (page 48).</li><li>● The recording time is set to “<b>Greeting only</b>”. Change the setting (page 52).</li><li>● 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 51).</li><li>● The answering system will not answer incoming calls while:<ul style="list-style-type: none"><li>– 2 or more handsets are on a cellular call or an intercom call.</li><li>– a headset is in use.</li></ul>Caller information is recorded in the caller list.</li></ul>
I cannot operate the answering system.	<ul style="list-style-type: none"><li>● Someone is using the unit. Wait for the other user to finish.</li><li>● A caller is leaving a message. Wait for the caller to finish.</li><li>● The handset is too far from the base unit. Move closer.</li></ul>
I cannot operate the answering system remotely.	<ul style="list-style-type: none"><li>● The remote access code is not set. Set the remote access code (page 50).</li><li>● 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 50).</li><li>● Press each key firmly.</li><li>● The answering system is turned off. Turn it on (page 51).</li><li>● You cannot operate the answering system when calling a cellular phone registered to the base unit.</li></ul>

## DECT repeater

Problem	Cause/solution
The unit does not work.	<ul style="list-style-type: none"> <li>• When the indicators do not light, the AC adaptor is not connected properly. Check the connections.</li> <li>• When the indicators do not light green, move the unit closer to the base unit.</li> <li>• The repeater mode is “<b>Off</b>”. Set the repeater mode to “<b>On</b>” (page 57).</li> <li>• Registration may have been cancelled. Deregister the unit, then re-register.  <b>Deregister:</b> <ol style="list-style-type: none"> <li>1 Unplug the AC adaptor, then press and hold <b>[PROGRAM]</b>.</li> <li>2 While pressing and holding <b>[PROGRAM]</b>, re-connect the AC adaptor.</li> <li>3 Keep holding to press <b>[PROGRAM]</b> for about 10 seconds until the ⓘ indicator stops flashing and lights red. Then release <b>[PROGRAM]</b>. <ul style="list-style-type: none"> <li>• The ⓘ and ™ indicators light amber for a moment then only the ⓘ indicator flashes red.</li> <li>• If the ⓘ indicator flashes green after releasing <b>[PROGRAM]</b>, deregistration failed. Deregister the unit again.</li> </ul> </li> </ol> <b>Re-register:</b> <ol style="list-style-type: none"> <li>1 <b>DECT repeater:</b> Unplug the AC adaptor.</li> <li>2 <b>Base unit:</b> Press and hold <b>[LOCATOR]</b> for about 5 second, until the registration tone sounds. <ul style="list-style-type: none"> <li>• The next step must be completed within 90 seconds.</li> </ul> </li> <li>3 <b>DECT repeater:</b> Connect the AC adaptor, then wait until the ⓘ indicator and ™ indicator light green.</li> <li>4 <b>Base unit:</b> To stop the registration tone, press <b>[LOCATOR]</b>.</li> </ol> </li> </ul>
While talking using the handset, sound cuts in and out.	<ul style="list-style-type: none"> <li>• The handset is out of range. Move the handset closer to this unit.</li> </ul>

## Useful Information

Problem	Cause/solution
A repeating tone is heard while talking using the handset. or The ① indicator continues to light amber and the Y indicator flashes green.	<ul style="list-style-type: none"><li>• <b>[PROGRAM]</b> was pressed. The unit is in programming mode. To exit, press <b>[PROGRAM]</b> again. Do not press <b>[PROGRAM]</b>, except when deregistering the unit.</li></ul>

## Bluetooth PIN

Problem	Cause/solution
I cannot remember the PIN.	<ul style="list-style-type: none"><li>• Change the PIN using the following method. <b>1</b> <b>[MENU]</b><b>#</b><b>6</b><b>1</b><b>9</b> <b>2</b> <b>*7000</b> <b>3</b> Enter the new 4-digit PIN. → <b>[OK]</b> <b>4</b> Enter the new 4-digit PIN again. → <b>[SAVE]</b> → <b>[OFF]</b></li></ul>

## Liquid damage

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

### Caution:

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

# Warranty (for New Zealand)

Panasonic Canada Inc.  
5770 Ambler Drive, Mississauga, Ontario L4W 2T3  
**PANASONIC PRODUCT - LIMITED WARRANTY**

## EXCHANGE PROGRAM

Panasonic Canada Inc. warrants this product to be free from defects in material and workmanship under normal use and for a period as stated below from the date of original purchase agrees to, at its option either (a) repair your product with new or refurbished parts, (b) replace it with a new or a refurbished equivalent value product, or (c) refund your purchase price. The decision to repair, replace or refund will be made by Panasonic Canada Inc.

### Telephone Accessory / Product

One (1) year

This warranty is given only to the original purchaser, or the person for whom it was purchased as a gift, of a Panasonic brand product mentioned above sold by an authorized Panasonic dealer in Canada and purchased and used in Canada, which product was not sold "as is", and which product was delivered to you in new condition in the original packaging.

**IN ORDER TO BE ELIGIBLE TO RECEIVE WARRANTY SERVICE HEREUNDER, A PURCHASE RECEIPT OR OTHER PROOF OF DATE OF ORIGINAL PURCHASE, SHOWING AMOUNT PAID AND PLACE OF PURCHASE IS REQUIRED**

### LIMITATIONS AND EXCLUSIONS

This warranty **ONLY COVERS** failures due to defects in materials or workmanship, and **DOES NOT COVER** normal wear and tear or cosmetic damage. The warranty **ALSO DOES NOT COVER** damages which occurred in shipment, or failures which are caused by products not supplied by Panasonic Canada Inc., or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, improper batteries, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Authorized Servicer, or damage that is attributable to acts of God.

Rechargeable batteries are warranted for ninety (90) days from date of original purchase.

THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY. (As examples, this warranty excludes damages for lost time, travel to and from the Authorized Servicer, loss of or damage to media or images, data or other memory or recorded content. This list of items is not exhaustive, but for illustration only.)

In certain instances, some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or the exclusion of implied warranties, so the above limitations and exclusions may not be applicable. This warranty gives you specific legal rights and you may have other rights which vary depending on your province or territory.

### CONTACT INFORMATION

For product information and operation assistance, please contact:

Our Customer Care Centre: Telephone #: 1-800-561-5505  
Fax #: (905) 238-2360  
Email link: "Support → contact us → email" on [www.panasonic.ca](http://www.panasonic.ca)

For defective product exchange within the warranty period, please contact the original dealer or our Customer Care Centre.

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**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.

**For Australia**

**Customer Care Centre Tel. No.: 132600**

**or website [www.panasonic.com.au](http://www.panasonic.com.au)**

**For New Zealand**

**Customer Care Centre Tel. No.: (09) 272 0178**

**or website [www.panasonic.co.nz](http://www.panasonic.co.nz)**

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