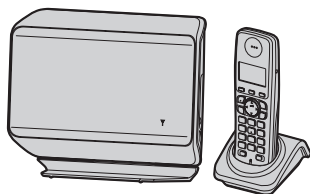


Panasonic[®]

Operating Instructions

GSM Fixed Wireless Phone

Model No. **KX-TW501NZ**



GSM DECT

Thank you for purchasing a Panasonic product.

This phone is designed to operate on GSM network - GSM900 and GSM1800.

Charge the batteries for about 7 hours before initial use.

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

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Accessory information

Supplied accessories

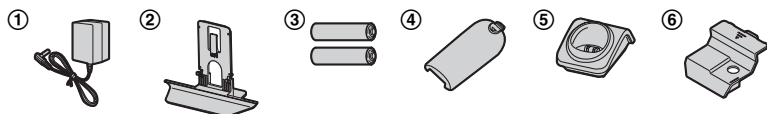
No.	Accessory item/Part number	Quantity
①	AC adaptor/PQLV219AL	2
②	Base unit stand ^{*1}	1
③	Rechargeable batteries ^{*2} /HHR-55AAAB	2
④	Handset cover ^{*3}	1
⑤	Charger	1
⑥	SIM card cover ^{*4}	1

^{*1} The base unit stand comes attached to the base unit.

^{*2} See page 3 for replacement battery information.

^{*3} The handset cover comes attached to the handset.

^{*4} SIM card cover comes attached to the base unit.



Replacement battery information

Please contact your nearest Panasonic dealer for sales information.

Accessory item	Model number
Rechargeable batteries	HHR-4MPT ^{*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

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

Important:

- Any other handsets for conventional DECT cannot be used.

Handset (optional): KX-TWA51NZ



General information

- This equipment is designed for use in New Zealand.

For your safety

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

WARNING

Power connection

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

Installation

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Keep the SIM card out of reach of children to prevent swallowing.
- 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 to be excessively pulled, bent or placed under heavy objects.

Operating safeguards

- Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners.
- Do not disassemble the product.
- Do not allow liquids such as water, or foreign materials such as metal pieces or flammable materials to get into the SIM card slot of the base unit. This can result in the risk of fire, electric shock, or malfunction.
- You are advised not to use this product at refuelling points. Users are reminded to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress.

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 following frequency ranges and RF transmission power:
 - 1,880 MHz to 1,900 MHz / 250 mW (max.) for DECT.
 - 880 MHz to 915 MHz / 2 W for GSM900.
 - 1,710 MHz to 1,785 MHz / 1 W for GSM1800.
- Do not use the product in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

CAUTION

Installation and relocation

- 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.

Important Information

Battery

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

SIM card

- Never use more force than necessary when inserting/removing the SIM card.
- Be careful not to touch the cut surface of the SIM card when removing it. You may hurt your hand or fingers.
- Do not damage, carelessly touch, or short-circuit the IC. Data might be lost or malfunction may result.

General notices

- This equipment shall not be set to make automatic calls to the "111" Emergency Service.
- The earpiece on the handset is magnetised and may retain small metallic objects.

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 unit (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the phone 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:
 - in an area with good reception, such as near a window;
 - 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.
- Coverage and voice quality depends on the local environmental conditions.
- If the reception for a base unit location is not satisfactory, move the base unit to another location for better reception.

Environment

- Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.
- The product should be kept free from excessive smoke, dust, high temperature, and vibration.
- The product should not be exposed to direct sunlight.
- Do not place heavy objects on top of the product.

- When you leave the product unused for a long period of time, unplug the product from the power outlet.
- The product should be kept away from heat sources such as radiators, cookers, etc. It should not be placed in rooms where the temperature is less than 5 °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**Notice for product disposal, transfer, or return**

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

SAR

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

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for wireless devices is 2 W/kg. The highest SAR values for this device were 0.984 W/kg (for Base unit) and 0.00142 W/kg (for Handset) when tested in the worst-case scenario for compliance against the set standard i.e. user is closest to the unit.

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

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

Additional Information can be found on the websites:

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

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

Specifications

<DECT Specifications>

- **Standard:**
DECT (Digital Enhanced
Cordless Telecommunications)
- **Frequency range:**
1,880 MHz to 1,900 MHz
- **RF transmission power:**
Approx. 10 mW (average power per
channel)

<GSM Specifications>

- **Standard:**
Dual-Band GSM 900/1800 MHz
- **Frequency band:**
GSM 900: 900 MHz E-GSM 900
GSM 1800: 1,800 MHz DCS 1800
- **Tx Frequency range:**
GSM 900: 880–915 MHz
GSM 1800: 1,710–1,785 MHz
- **Rx Frequency range:**
GSM 900: 925–960 MHz
GSM 1800: 1,805–1,880 MHz
- **Output power:**
GSM 900: Class 4 (2 W)
GSM 1800: Class 1 (1 W)

<DECT/GSM Specifications>

- **Power source:**
220–240 V AC, 50/60 Hz
- **Power consumption:**
Base unit:
Standby: Approx. 1.3 W
Maximum: Approx. 2.9 W
Charger:
Standby: Approx. 0.2 W
Maximum: Approx. 3.3 W
- **Operating conditions:**
5 °C – 40 °C, 20 % – 80 % relative air
humidity (dry)
- **SIM card type:**
1.8 V/3 V

Note:

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

Setting up

Inserting/removing the SIM card

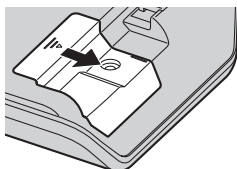
The SIM (Subscriber Identity Module) card must be inserted before using the unit.

Important:

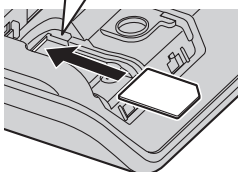
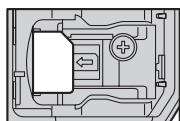
- Before handling the SIM card:
 - ensure that the base unit is turned off.
 - disconnect the plug before opening the SIM card cover.

Inserting the SIM card

- 1 Press the notch on the SIM card cover firmly, and slide it in the direction of the arrow.



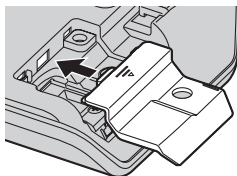
- 2 Position the SIM card as shown with IC-side (gold contacts) facing down and notched corner facing right. Carefully slide the SIM card into the SIM card pocket.



Important:

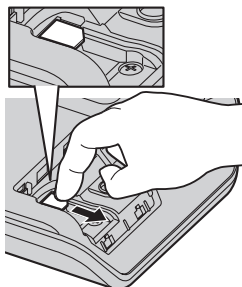
- Ensure that the SIM card is fully inserted so that the SIM card cover can be properly closed.

- 3 Close the SIM card cover after you finish.



Removing the SIM card

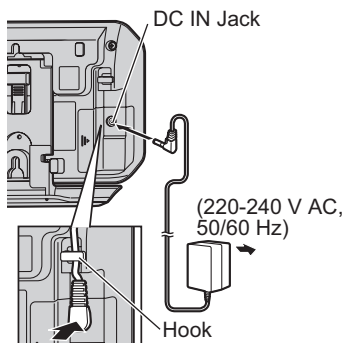
To remove the SIM card, place a finger on the bottom edge of the SIM card and gently slide it out.



Connections

- Use only the supplied Panasonic AC adaptor PQLV219AL.

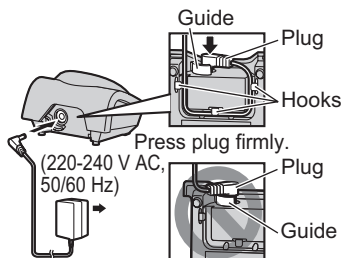
■ Base unit



Important:

- When the SIM card cover is open, the base unit DC IN jack is hidden from view. Connect the plug to the DC IN jack after the SIM card cover has been closed.
- When you connect the AC adaptor to the power outlet, PIN code request will be displayed on the handset if the inserted SIM card is initially PIN locked. For details, see page 25.
- If you insert an invalid SIM card and an error message is displayed (page 37), contact your service provider.

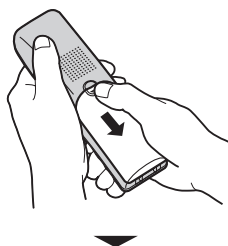
■ Charger



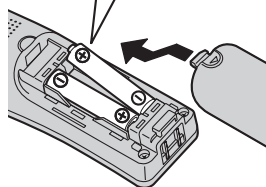
Do not try to connect over the guide.

Battery installation

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



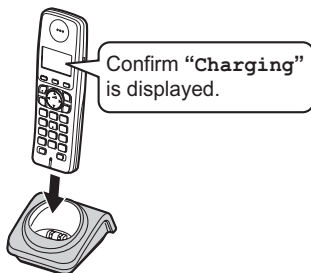
Rechargeable Ni-MH ONLY



Battery charge

Charge for about 7 hours.

- When the batteries are fully charged, "Charge Completed" is displayed.



Note when setting up

Note for inserting/removing the SIM card

- When inserting or removing the SIM card, take care not to accidentally touch or scratch the IC.
- Insert the SIM card gently so as not to break it.
- Keep your SIM card safe after removal so as not to lose it.

Note for connections

- The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.

During a power failure

The unit will not work during a power failure.

Note for battery installation

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

Note for battery charge

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

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

Battery level

Battery icon	Battery level
	High
	Medium
	Low <ul style="list-style-type: none"> • When flashing: Needs charging.

Panasonic Ni-MH battery performance (supplied batteries)

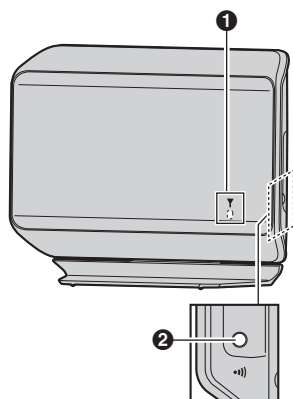
Operation	Operating time
In continuous use	17 hours max.
Not in use (standby)	180 hours max.

Note:

- It is normal for batteries not to reach full capacity at the initial charge. Maximum battery performance is reached after a few complete cycles of charge/discharge (use).
- Actual battery performance depends on a combination of how often the handset is in use and how often it is not in use (standby).
- Even after the handset is fully charged, the handset can be left on the charger without any ill effect on the batteries.
- The battery level may not be displayed correctly after you replace the batteries. In this case, place the handset on the charger and let it charge for at least 7 hours.

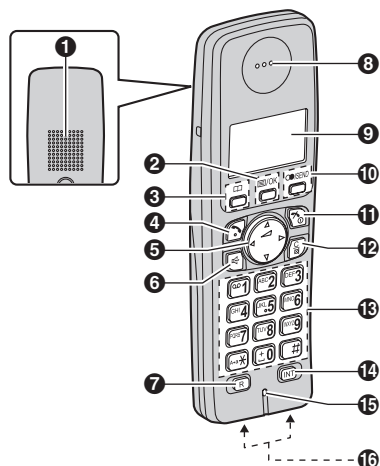
Controls

Base unit



- 1 GSM network indicator
- 2 [•••] (Handset Locator)

Handset

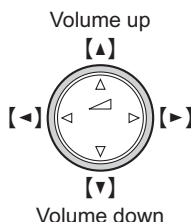


- 1 Speaker
- 2 [≡/OK] (Menu/OK)
- 3 [☎] (Phonebook)
- 4 [📞] (Talk)
- 5 Navigator key ([▲]/[▼]/[◀]/[▶])
◀ (Volume: [▲]/[▼])
- 6 [📢] (Speakerphone)
- 7 [R] (Recall/Flash)
- 8 Receiver
- 9 Display
- 10 [🔄/SEND] (Redial/Send)
- 11 [🔌] (Off/Power)
- 12 [C/🔇] (Clear/Mute)
- 13 Dial keypad
[+ 0]: International call "+"/
Space insert "_"
[∞ 1]: Call voice mail
- 14 [INT] (Intercom)
- 15 Microphone
- 16 Charge contacts

Using the navigator key






The handset navigator key can be used to navigate through menus and to select items shown on the display by pressing [▲], [▼], [◀], or [▶].

To adjust the receiver or speaker volume, press [▲] to increase the volume, or press [▼] to decrease the volume repeatedly while talking.



Display/Indicator

Handset display items

Item	Meaning
	Within range of a base unit <ul style="list-style-type: none"> When flashing: Handset is searching for base unit. (page 39)
	Handset is accessing base unit. (intercom, paging, etc.)
	Handset is on an outside call.
	Battery level
[P]	Privacy mode is on. (page 16)
	New voice mail message received.*1 (page 30)
[IN USE]	Someone is using the line.

*1 Voice mail subscribers only

GSM network indicator

The GSM network indicator on the base unit shows the signal strength of the GSM networks. When the base unit is turned on, the GSM network indicator shows current signal strength using the following colours.

Status		Meaning
Colour	Light pattern	
Green	On	The GSM network signal is strong. Ready to make/receive calls.
	Flashing	The base unit is searching for a registered handset to connect to (page 27).
Amber	On	The GSM network signal is weak.
	Flashing	The base unit is currently initialising.
	Flashing rapidly	<ul style="list-style-type: none"> The base unit is currently out of GSM network range. The base unit does not work properly. When “Error:00x” is displayed on the handset (page 36), contact your nearest Panasonic service centre for further details.

Turning the power on/off (Handset)

Power on

Press **[🔌]** for about 1 second.

Note:

- When the PIN code request is displayed, enter PIN code and press **[>]/[#]**. For details, see page 25.
- If you enter the incorrect PIN code 3 times, you need to enter the 8-digit PUK code supplied by your service provider.

Power off

Press **[🔌]** for about 2 seconds.

Initial settings

Symbol meaning:

Example: **[v]/[^]**: “off”

Press **[v]** or **[^]** to select the words in quotations.

Display language

- 1 **[📄/OK]**
- 2 **[v]/[^]**: “Settings” → **[>]**
- 3 **[v]/[^]**: “Display Settings” → **[>]**
- 4 **[v]/[^]**: “Select Language” → **[>]**
- 5 **[v]/[^]**: Select your desired language. → **[>]** → **[🔌]**

Note:

- If you select a language you cannot read: **[🔌]** → **[📄/OK]** → **[v]** 3 times → **[>]** → **[v]** 2 times →

[>] 2 times → **[v]/[^]**: Select your desired language. → **[>]** → **[🔌]**

Date and time

- 1 **[📄/OK]**
- 2 **[v]/[^]**: “Settings” → **[>]**
- 3 **[v]/[^]**: “Time Settings” → **[>]**
- 4 **[v]/[^]**: “Set Date & Time” → **[>]**
- 5 Enter the current date, month, and year.
Example: 15 July, 2009
[1][5] [0][7] [0][9]
- 6 Enter the current hour and minute.
Example: 9:30
[0][9] [3][0]
 - You can select 24-hour or 12-hour clock format (“AM” or “PM”) by pressing **[*]**.
- 7 **[📄/OK]** → **[🔌]**

Note:

- To correct a digit, press **[<]** or **[>]** to move the cursor to the digit, then make the correction.
- The date and time may be incorrect after a power failure. In this case, set the date and time again.

Making calls

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

Using the speakerphone

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

Note:

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

Adjusting the receiver or speaker volume

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

Making a call using the redial list

The last 10 phone numbers dialled are stored in the redial list (each 32 digits max.).

- 1 **[📞/SEND]**
- 2 **[▼]/[▲]**: Select the desired phone number.
- 3 **[↶]**

Erasing a number in the redial list

- 1 **[📞/SEND]**

- 2 **[▼]/[▲]**: Select the desired phone number. → **[▶]**
- 3 **[▼]/[▲]**: "Erase" → **[▶]**
- 4 **[▼]/[▲]**: "Yes" → **[▶]** → **[⏏]**

Making an international call

The international prefix (+) and the destination country/region code should be entered, followed by the area code and phone number.

- 1 Press and hold **[± 0]** until "+" is displayed.
- 2 Enter the country/region code.
- 3 Enter the area code and phone number.
- 4 **[↶]**

Note:

- Many countries/regions include an initial "0" in the area code. This should, in most cases, be omitted when dialling international numbers. For further help, contact your service provider.

Emergency call

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

Important:

- Emergency calls can only be made when the supplied SIM card is installed in the base unit.

To make an emergency call:

Enter emergency number (for example, 111). → **[↶]**

Note:

- If you find that a number does not work on your phone, or for details of emergency numbers, please contact your service provider.

Pause

A pause is sometimes required when making calls using optional network services.

To insert a pause, press and hold **[*]** until “P” is displayed.

Note:

- A 3 second pause is inserted each time “P” is displayed on the handset. Repeat as needed to create longer pauses.

Answering calls

- 1 Lift the handset and press **[📞]** or **[📞]** when the unit rings.
 - You can also answer the call by pressing any dial key from **[0]** to **[9]**, **[*]**, or **#**. (**Any key answer feature**)
 - You can reject the call by pressing **[📞]**. To reject the call, the auto talk feature must be set to off (page 22).
- 2 When you finish talking, press **[📞]** or place the handset on the charger.

Auto talk

You can answer calls simply by lifting the handset off the charger. You do not need to press **[📞]**. To turn this feature on, see page 22.

Adjusting the handset ringer volume

Press **[▲]** or **[▼]** repeatedly to select the desired volume while the handset is ringing for an incoming call.

Note:

- You can also program the handset ringer volume beforehand (page 22).

Useful features during a call

Mute

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

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

Recall/flash

[R] allows you to use the special features of accessing optional network services.

Call share

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

Privacy mode

Privacy mode allows you to prevent other users from joining your conversations with outside callers. To allow other users to join your conversations, leave this feature off. The default setting is “off”.

- 1 Press **[📞/OK]** during an outside call.
- 2 **[▼]/[▲]**: Select the desired setting.
→ **[▶]**
 - When this feature is turned on, “P” is displayed.

Note:

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

For call waiting service users (network service)

To use call waiting, you must first subscribe to the call waiting service of your service provider.

When you subscribe to a call waiting service, you can receive calls and make calls to other parties while on the phone. If you receive a call while on the phone, you will hear a call waiting tone and the 2nd caller's information is displayed on the handset.

1 To answer the 2nd call:

Press **[R]**.

To make another call:

Enter the phone number. →

[☎/SEND]

● **Using the handset phonebook:**

[☐] → [▼]/[▲]: Select the handset phonebook entry. →

[☎/SEND]

- The 1st call is put on hold.

2 To switch between calls, press **[R].**

Note:

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

For conference call service users (network service)

You can have a conversation with up to 5 parties at the same time using a network service.

While on a call, you can make conference calls in the following 2 situations.

■ **When receiving another call:**

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

- The 1st call is put on hold.

2 Press **[3] and **[☎/SEND]**.**

■ **When making another call:**

1 Enter the phone number. → **[☎/SEND]**

● **Using the handset phonebook:**

[☐] → [▼]/[▲]: Select the handset phonebook entry. →

[☎/SEND]

- The 1st call is put on hold.

2 After the call is connected, press **[3] and **[☎/SEND]**.**

■ **To end a conference call:**

While on a conference call, press **[✕⓪]**.

Note:

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

For transferring call service users (network service)

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

While talking, you can make or receive a call from a 3rd party.

■ When receiving another call:

- 1 Press **[R]** to answer the 2nd call.
 - The 1st call is put on hold.
- 2 Press **[4]** and **[●/SEND]**.
 - Calls are automatically ended after the other parties connect successfully.

■ When making another call:

- 1 Enter the phone number. → **[●/SEND]**
 - **Using the handset phonebook:**
[☐] → [▼]/[▲]: Select the handset phonebook entry. → **[●/SEND]**
 - The 1st call is put on hold.
- 2 After the call is connected, press **[4]** and **[●/SEND]**.
 - Calls are automatically ended after the other parties connect successfully.

Note:

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

Handset phonebook

The phonebook allows you to make calls without having to dial manually. You can add 250 names and phone numbers.

Adding entries

- 1 → /OK
- 2 /: "New Entry" →
- 3 Enter the party's name (16 characters max.). → /OK
 - You can change the character entry mode by pressing . (page 33)
- 4 Enter the party's phone number (24 digits max.). → /OK
- 5 /: "Save" →
 - To add other entries, repeat from step 3.
- 6

Note:

- Step 1 variation:
/OK → /: Select "Ph.Book Setup". →

Finding and calling a phonebook entry

Scrolling through all entries

- 1
- 2 /: Select the desired entry.
- 3

Searching by first character (using a dial key)

- 1
 - To change the character entry mode:
/SEND → /: Select the character entry mode. →
- 2 Press the dial key (to) which contains the character you are searching for (page 33).
 - 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

Editing entries

- 1 Find the desired entry (page 19).
→ /OK
- 2 /: "Edit" →
- 3 Edit the name if necessary (16 characters max.; page 33). → /OK
- 4 Edit the phone number if necessary (24 digits max.). → /OK
- 5 /: "Save" → →

Erasing entries

Erasing an entry

- 1 Find the desired entry (page 19).
→ /OK
- 2 /: "Erase" →
- 3 /: "Yes" → →

Erasing all entries

- 1 **[OK]** → **[Menu/OK]**
- 2 **[v]/[A]**: "Erase All" → **[>]**
- 3 **[v]/[A]**: "Yes" → **[>]**
- 4 **[v]/[A]**: "Yes" → **[>]** → **[X/0]**

My numbers

You can view the phone number assigned to the SIM card and enter/edit the phone number if necessary.

- 1 **[OK]** → **[Menu/OK]**
- 2 **[v]/[A]**: "My Numbers" → **[>]**
 - The current phone number is displayed. → **[Menu/OK]**
- 3 Enter/edit the phone number if necessary (21 digits max.). → **[Menu/OK]** → **[X/0]**

Copying phonebook entries

You can copy phonebook entries to the phonebook of another compatible Panasonic handset. You can also copy the SIM card data to the handset phonebook.

Note:

- Please note that you cannot copy handset phonebook entries to the SIM card.

Copying phonebook entries between handsets

Copying an entry

- 1 Find the desired entry (page 19). → **[Menu/OK]**
- 2 **[v]/[A]**: "Copy" → **[>]**

- 3 Enter the handset number you wish to send the phonebook entry to.
 - When an entry has been copied, "Completed" is displayed.
 - To continue copying another entry: **[v]/[A]**: "Yes" → **[>]** → Find the desired entry. → **[>]**
- 4 **[X/0]**

Copying all entries

- 1 **[OK]** → **[Menu/OK]**
- 2 **[v]/[A]**: "Copy All" → **[>]**
- 3 **[v]/[A]**: "To Handset" → **[>]**
- 4 Enter the handset number you wish to send the phonebook entry to.
 - When all entries have been copied, "Completed" is displayed.
- 5 **[X/0]**

Copying phonebook data from SIM card to handset

This feature allows you to block copy up to 250 phonebook data entries from the SIM card to a handset phonebook.

Important:

- This unit is set to accept only certain SIM cards. With some SIM cards, copying SIM card data may not be possible.
- You cannot select and copy each data entry in the SIM card separately.

- 1 **[OK]** → **[Menu/OK]**
- 2 **[v]/[A]**: "Copy All" → **[>]**
- 3 **[v]/[A]**: "From SIM" → **[>]**
- 4 "Completed" is displayed when all entries have been copied.
 - Even when "No Data" is displayed, do not press **[X/0]** and wait for "Completed" to be displayed.

5 【ㄨ㉟】**Note:**

- If you transfer phonebook data from a blank SIM card, the transfer process is completed but with no affect whatsoever to the receiving handset's phonebook data.

Changing the settings

You can use the handset to customise the following features on the unit.

Changing the settings by scrolling through the display menus

- 1 **[/OK]**
- 2 Press [**▼**] or [**▲**] to select the desired top-menu. → [**►**]
- 3 Press [**▼**] or [**▲**] to select the desired item in sub-menu 1. → [**►**]
- 4 Press [**▼**] or [**▲**] to select the desired item in sub-menu 2. → [**►**]
 - In some cases, you may need to select from sub-menu 3 to sub-menu 5. → [**►**]
- 5 Press [**▼**] or [**▲**] to select the desired setting. → [**►**]
 - This step may vary depending on the feature being programmed.
 - To exit the operation, press [**⏏**].

Note:

- For other top-menus, please refer to each chapter.
- In the following table, < > indicates the default settings.
- The current item or setting is indicated by ► on the display.

Top-menu	Sub-menu 1	Sub-menu 2	Page
Settings	Time Settings	Set Date & Time ^{*1}	14
		Alarm	24
	Tone Settings	Ringer Volume ^{*2} <Maximum>	—
		Ringtone ^{*3} <Ringtone 1>	—
		Keytones ^{*4} <On>	—
	Display Settings	Select Language <English>	14
		Network Name ^{*5} <On>	—
		Contrast <Level 3>	—
	Call Settings	Call Divert ^{*1}	24
		Auto Talk ^{*6} <Off>	16
	Registration	Register H.set	27

Top-menu	Sub-menu 1	Sub-menu 2	Page
Security ^{*1}	PIN Code	PIN Code Request	25
		Change PIN Code	25
	Call Barring	Outgoing Calls	26
		Incoming Calls	26
		Barring Password	26

*1 If you program these settings using one of the handsets, you do not need to program the same item using another handset.

*2 When the ringer volume is turned off, “Ring Off” is displayed and the handset does not ring for outside calls.

However even when the ringer volume is set to off, the handset rings:

- at the low level for alarm (page 24) and intercom calls (page 31)
- at the high level for paging (page 31)

*3 The preset melodies in this product are used with permission of © 2007 Copyrights Vision Inc.

*4 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.

*5 This feature allows you to display the current network in standby mode.

*6 If you want to view the caller's phone number after lifting up the handset to answer a call, turn off this feature.

USSD (Unstructured Supplementary Service Data)

This unit is USSD compatible. Contact your service provider for details and availability of this service. There is the possibility that you will not be able to receive certain services.

Special instructions for settings

Alarm

You can set one of 2 different alarm options (once or daily) at a time for each handset. An alarm sounds at the set time for 3 minutes.

Important:

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

- [/OK]**
- []/[]: "Settings" → []**
- []/[]: "Time Settings" → []**
- []/[]: "Alarm" → []**
- []/[]: Select the desired alarm option. → []**

"Off"

Turns alarm off. Press [] again, then press [] to exit.

"Once"

An alarm sounds once at the set time. Enter the desired date and month.

"Daily"

An alarm sounds daily at the set time.

- Set the desired time. → [/OK]
- []/[]: Select the desired alarm tone. → []**
 - We recommend selecting a different ringer tone to the one used for outside calls.
- []/[]: "Save" → [] → []**

Note:

- To stop the alarm, press any dial key or place the handset on the charger.

- When the handset is in use, the alarm will not sound until the handset is in standby mode.
- If you select "Once", the setting changes to "Off" after the alarm sounds.

Call divert (network service)

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

Important:

- Call divert may not work if call barring is activated (page 26).

Activating/cancelling call divert

- [/OK]**
- []/[]: "Settings" → []**
- []/[]: "Call Settings" → []**
- []/[]: "Call Divert" → []**
- []/[]: "Voice Calls" → []**
 - To cancel the setting, select "Cancel". → []
- []/[]: Select the desired option. → []**

"All Calls"

All calls are diverted.

"If Unavailable"

You can activate the 3 options "If Busy", "No Answer", and "If Unreachable" at the same time.

"If Busy"

Calls are diverted when you are using the line.

"No Answer"

Calls are only diverted after a delay. You can select the delay time up to maximum of 30 seconds.

"If Unreachable"

Calls are diverted when the unit is out of GSM network range.

- 7 Select the desired setting. → [▶]
 - If you select "Off", press [≡/OK] again.
- 8 Enter/edit the phone number if necessary (21 digits max.). → [≡/OK]
 - When you select "If Unavailable" or "No Answer" in step 6, select a delay time (5-30 seconds; divisible by 5 seconds). → [≡/OK]
- 9 [✕⓪]

Checking the status

- 1 [≡/OK]
- 2 [▼]/[▲]: "Settings" → [▶]
- 3 [▼]/[▲]: "Call Settings" → [▶]
- 4 [▼]/[▲]: "Call Divert" → [▶]
- 5 [▼]/[▲]: "Status" → [▶]
- 6 [▼]/[▲]: Select the desired option. → [▶]
- 7 [✕⓪]

Special instructions for security

PIN code

PIN code is used for security to limit access to the unit and to protect your SIM card against unauthorised use. PIN number is issued by your service provider.

Important:

- If you enter the incorrect PIN code 3 times, the SIM card is locked. Enter

the 8-digit PUK code to unlock. PUK number is issued by your service provider.

- If you enter the incorrect PUK code 10 times, the SIM card is permanently locked. The SIM card will need to be replaced as all information stored will be lost. Contact your service provider for further information.

Setting the PIN code request

Your PIN code is requested when you:

- turn the base unit on after initially inserting a PIN locked SIM card.
- turn the base unit on after turning this feature on.

Once you enter PIN code, you don't need to re-enter it each time the base unit is turned on.

The default setting is followed by the SIM card setting.

Important:

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

- 1 [≡/OK]
- 2 [▼]/[▲]: "Security" → [▶]
- 3 [▼]/[▲]: "PIN Code" → [▶]
- 4 [▼]/[▲]: "PIN Code Request" → [▶]
- 5 [▼]/[▲]: Select the desired setting. → [▶]
- 6 Enter the current PIN code (4 to 8 digits). → [▶]
 - A confirmation tone will sound.
- 7 [✕⓪]

Changing PIN code

When you change PIN code, make sure that the PIN code request is set to "on" (page 25).

Important:

- If you change PIN code, please make note of your new PIN code. The unit

Settings and Security

will not reveal PIN code to you. If you forget your PIN code, contact your service provider. The default PIN code is followed by SIM card setting.

- 1 **[/OK]**
- 2 **[]/[]: "Security" → []**
- 3 **[]/[]: "PIN Code" → []**
- 4 **[]/[]: "Change PIN Code" → []**
- 5 Enter the current PIN code (4 to 8 digits). → []
- 6 Enter the new PIN code (4 to 8 digits). → []
- 7 Re-enter the new PIN code (4 to 8 digits) for verifying. → [] → []

Call barring (network service)

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

Important:

- Call barring may not work if call divert is activated (page 24).

Activating/cancelling call barring

- 1 **[/OK]**
- 2 **[]/[]: "Security" → []**
- 3 **[]/[]: "Call Barring" → []**
- 4 **[]/[]: Select "Outgoing Calls" or "Incoming Calls". → []**
- 5 **[]/[]: Select "Activate" or "Cancel". → []**
 - When you select "Activate" for outgoing calls, select the desired following option. → []
 - "Int'l Calls"
 - "All Except Home"
 - "All"

- When you select "Activate" for incoming calls, select the desired following option. → []
 - "When Roaming"
 - "All"

- 6 Enter the 4-digit barring password. → [/OK]

- 7 **[]**

Note:

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

Checking the status

- 1 **[/OK]**
- 2 **[]/[]: "Security" → []**
- 3 **[]/[]: "Call Barring" → []**
- 4 **[]/[]: Select "Outgoing Calls" or "Incoming Calls". → []**
- 5 **[]/[]: "Status" → []**
- 6 **[]/[]: Select the desired option. → [/OK]**
- 7 **[]**

Changing the call barring password

Important:

- If you change the password, please make note of your new password. The unit will not reveal the password to you. If you forget your password, contact your service provider.

- 1 **[/OK]**
- 2 **[]/[]: "Security" → []**
- 3 **[]/[]: "Call Barring" → []**
- 4 **[]/[]: "Barring Password" → []**
- 5 Enter the current 4-digit password. → []
- 6 Enter the new 4-digit password. → []

- 7 Re-enter the new 4-digit password for verifying. → [▶]
- 8 [✕⓪]

Registering a unit

Operating additional units

Additional handsets

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

Important:

- The additional handset model recommended for use with this unit is noted on page 4.

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 (for example, ✕ flashes even when the handset is near the base unit), re-register the handset.

- 1 **Handset:**
[☒/OK]
- 2 [▼]/[▲]: “Settings” → [▶]
- 3 [▼]/[▲]: “Registration” → [▶]
- 4 [▼]/[▲]: “Register H.set” → [▶]
- 5 **Base unit:**
Press and hold [⏻] for about 5 seconds. (No registration tone)
 - The GSM network indicator on the base unit starts flashing green (page 13).
 - If all registered handsets start ringing, press the same button to stop. Then repeat this step.

- 6 **Handset:**
When the handset has been registered successfully, you hear a confirmation tone (long beep) and ✕ stops flashing.

Note:

- 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 (or the registration of another handset) that is stored to the base unit. This allows the handset to end its wireless connection with the system.

- 1 [☒/OK]
- 2 [▼]/[▲]: “Settings” → [▶]
- 3 [▼]/[▲]: “Registration” → [▶]
- 4 [3][3][5]
- 5 [▼]/[▲]: “Deregistration” → [▶]
 - The numbers of all handsets registered to the base unit are displayed.
- 6 Select the handset(s) you want to cancel by pressing the desired handset number. → [☒/OK]
 - The selected handset number(s) flashes.
 - To cancel a selected handset number, press the number again. The number stops flashing.
- 7 [▼]/[▲]: “Yes” → [▶]
 - A confirmation tone sounds as each handset number disappears.
 - The handset does not beep when cancelling its own registration.
- 8 [✕⓪]

Call log

- The unit's call log stores numbers in the following way:
 - Recently dialled phone numbers (redial list, page 15).
 - Answered or missed calls (received list, page 28).
- 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 received list from the most recent call to the oldest.
- In cases when a call cannot be received displaying a phone number or the caller requests not to send, "Unknown" is displayed.

Missed calls

If a call is not answered, the unit treats it as a missed call. "Missed call(s)" is shown on the display. This lets you know if you should view the received list to see who called while you were away.

Phonebook name display

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

Received list

Important:

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

Viewing the received list and calling back

- 1 **[/OK]**
- 2 **[]/[]: "Caller ID" → []**
- 3 Press **[]** to search from the most recent call, or press **[]** to search from the oldest call.
- 4 To call back, press **[]**. To exit, press **[]**.

Note:

- If the item has already been viewed or answered, "✓" is displayed, even if it was viewed or answered using another handset.











Editing a caller's phone number before calling back

- 1 **[/OK]**
- 2 **[]/[]: "Caller ID" → []**
- 3 **[]/[]:** Select the desired entry. → **[/OK]**
- 4 **[]/[]: "Edit and Call" → []**
- 5 Edit the number.
 - Press dial key (**[0]** to **[9]**) to add, **[C/✕]** to delete.
- 6 **[]**

Erasing caller information

- 1 **[/OK]**
- 2 **[]/[]: "Caller ID" → []**
- 3 **[]/[]:** Select the desired entry. → **[/OK]**
- 4 **[]/[]:** Select "Erase" or "Erase All". → **[]**
- 5 **[]/[]: "Yes" → [] → []**


Storing caller information to the handset phonebook

- 1 **[/OK]**
- 2 **[]/[]: "Caller ID" → []**
- 3 **[]/[]: Select the desired entry.
→ [/OK]**
- 4 **[]/[]: "Add Phonebook" → []**
- 5 To store the name, continue from step 3, "Adding entries", page 19.

Voice mail service

Voice mail is an automatic answering service offered by your service provider. After you subscribe to this service, your service provider's voice mail system answers calls for you when you are unavailable to answer the phone. Messages are recorded by your service provider. Please contact your service provider for details of this service.

Important:

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

Storing the voice mail (VM) access number

In order to listen to your voice mail messages, you must dial your service provider's voice mail access number. Once you have stored your voice mail access number, you can dial it automatically.

- 1 **[≡/OK]**
- 2 **[▼]/[▲]: "Messages" → [▶]**
- 3 **[▼]/[▲]: "Voice Mail" → [▶]**
- 4 **[▼]/[▲]: "Voice Mail No." → [▶]**
- 5 Enter the voice mail access number (21 digits max.). → **[≡/OK]**
- 6 **[▼]/[▲]: "Save" → [▶] → [📞]**

Note:

- The voice mail access number has been factory preset so you do not need to follow these steps unless the number has to be changed.

Listening to voice mail messages

This unit lets you know that you have new voice mail messages in the following way depending on your service provider:

-  is displayed on the handset.

Please contact your service provider for details of this service.

- 1 **[≡/OK]**
- 2 **[▼]/[▲]: "Messages" → [▶]**
- 3 **[▼]/[▲]: "Voice Mail" → [▶]**
- 4 **[▼]/[▲]: "Call Voice Mail" → [▶]**
 - In standby mode, you can skip through step 1 to 4 by pressing and holding **[∞ 1]** until "Calling to VM" is displayed.

Intercom

Intercom calls can be made between handsets if you have the additional handset noted on page 4.

Note:

- If you receive an outside call while talking on the intercom, you hear interrupt tones. To answer the call, press **[*0]**, then press **[*]**.
- When paging the handset, the paged handset beeps for 1 minute.

Making an intercom call

- 1 **[INT]**
- 2 To page a specific handset, enter the handset number.
 - To stop paging, press **[*0]**.
- 3 When you finish talking, press **[*0]**.

Answering an intercom call

- 1 Press **[*]** to answer the page.
- 2 When you finish talking, press **[*0]**.

Handset locator

You can locate a misplaced handset by pressing **[*0]** on the base unit.


- All registered handsets beep for 1 minute.

To stop paging, press it again or **[*0]** on the handset.

Transferring calls, conference calls

Outside calls can be transferred between 2 handsets.

Note:

- You can also have a conference call using network services. For details, see page 17.
- 1 During an outside call, press **[INT]** to put the call on hold.
 -  flashes to indicate the outside call is on hold.
 - 2 Enter the desired handset number you want to transfer to.
 - 3 Wait for the paged party to answer.
 - If the paged party does not answer, press **[INT]** to return to the outside call.
 - 4 **To transfer the call:**
Press **[*0]**.
 - The outside call is routed to the handset.
- To establish a conference call:**
Press **[3]**.
- To leave the conference, press **[*0]**. The other parties can continue the conversation.

Transferring a call without speaking to the other handset user

- 1 Perform step 1 and 2, "Transferring calls, conference calls", page 31.
- 2 **[*0]**
 - The outside call rings at the other handset.

Note:

- If the other handset user does not answer the call within 1 minute, the call rings at your handset again.

Answering a transferred call

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

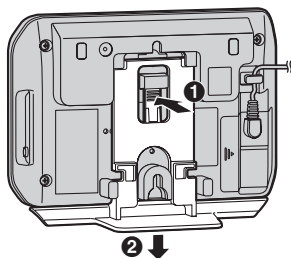
Note:

- After the paging party disconnects, you can talk to the outside caller.

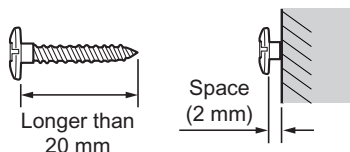
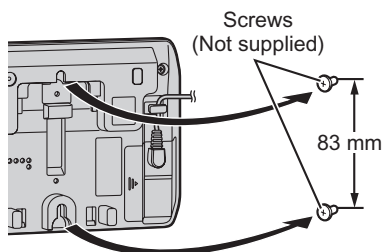
Wall mounting

Base unit

- 1 Remove the base unit stand by pushing (1) and sliding down (2).



- 2 Mount the base unit by inserting the screws into the round openings on the unit, then slide the unit down to secure it.

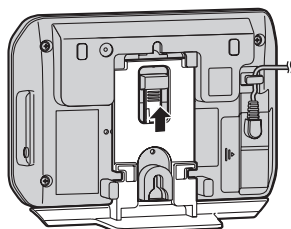


Note:

- Make sure that the wall is strong enough to support the weight of the unit.

To attach the base unit stand

Place the base unit stand by fitting the tab into the slot on the base unit. Then slide the stand until it clicks.



Character entry

The dial keys are used to enter characters and numbers. Each dial key has multiple characters assigned to it. The characters that can be entered depend on the character entry mode (page 33).

- Press [◀] or [▶] to move the cursor.
- Press dial keys to enter characters and numbers.
- Press [C/✖] to erase the character or number highlighted by the cursor. Press and hold [C/✖] to erase all characters or numbers.
- Press [✕] to switch between uppercase and lowercase.
- To enter another character located on the same dial key, press [▶] to move the cursor to the next space, then press the appropriate dial key.

Character entry modes

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

When the unit displays the character entry screen:

[□] → [▼]/[▲]: Select a character entry mode. → [▶]

Alphabet character table (ABC)

±0	ao1	ABC2	DEF3	GHI4	JKL5	MNO6	PQRS7	TUV8	WXYZ9
Space 0	Space . @ / : ; * # + - 1 " ' , ! i ? ¿ _ € £ \$ ¥ () [] { } & % \ ^ ~ < > = □ §	A B C 2	D E F 3	G H I 4	J K L 5	M N O 6	P Q R S 7	T U V 8	W X Y Z 9
		a b c 2	d e f 3	g h i 4	j k l 5	m n o 6	p q r s 7	t u v 8	w x y z 9

Numeric entry table (0-9)

±0	ao1	ABC2	DEF3	GHI4	JKL5	MNO6	PQRS7	TUV8	WXYZ9
0	1	2	3	4	5	6	7	8	9

Useful Information

Greek character table (ΑΒΓ)

±0	αο1	ABC2	DEF3	GHI4	JKL5	MNO6	PQRS7	TUV8	WXYZ9
Space 0	Space . @ / : ; * # + - 1 " ' , ! i ? ¿ _ € £ \$ ¥ () [] { } & % \ ^ ~ < > = □ §	A B Γ 2	Δ E Z 3	H Θ I 4	K Λ M 5	N Ξ O 6	Π Ρ Σ 7	T Υ Φ 8	X Ψ Ω Ξ 9

Extended 1 character table (ΑĂĂ)

±0	αο1	ABC2	DEF3	GHI4	JKL5	MNO6	PQRS7	TUV8	WXYZ9
Space 0	Space . @ / : ; * # + - 1 " ' , ! i ? ¿ _ € £ \$ ¥ () [] { } & % \ ^ ~ < > = □ §	A À Á Â Ã Ä Å Æ B C Ç 2	D E È É Ê Ë Ě F 3	G Ğ H Ì Í Î Ĵ Ķ Ĩ 4	J K L 5	M N Ñ O Õ Ó Ô Ö Õ ø 6	P Q R S Ş ß 7	T U Û Ü Ü Û Û V 8	W Ŵ X Y ŷ Z 9
		a à á â ã ä å æ b c ç 2	d e è é ê ë ě f 3	g ģ h ì í î ĵ ģ Ĩ 4	j k l 5	m n ñ o ò ó ô õ ö ø 6	p q r s ş ß 7	t u ù ú û ü ü v 8	w ŵ x y ŷ z 9

- The following are used for both uppercase and lowercase: Ë Ĩ ø Ş Ŵ ŷ

Extended 2 character table (ŚŠŚ)

±0	αο1	ABC2	DEF3	GHI4	JKL5	MNO6	PQRS7	TUV8	WXYZ9
Space 0	Space . @ / : ; * # + - 1 " ' , ! i ? ¿ _ € £ \$ ¥ () [] { } & % \ ^ ~ < > = □ §	A Á Ą B C Ć Ĉ Ċ 2	D Ď E É Ě ě F 3	G H I Í 4	J K L Ł Ł Ł 5	M N Ń Ň O Ó Ŏ Ő 6	P Q R Ŕ Ŗ Ś Š Ŝ 7	T Ť U Ú Ů ů ú v 8	W X Y ŷ Ý Z Ž ž Ž 9
		a á ą B b c Ĉ ĉ 2	d ě e é ě ě f 3	g h i Í 4	j k l Ł ł 5	m n Ń ň o ó ŏ ő 6	p q r Ŕ ŗ ś š ŝ 7	t ť u ú ů ú v 8	w x y ŷ ý z ž ž ž 9

- The following are used for both uppercase and lowercase:

Ą Ć Ĉ Ċ Ł Ł Ń Ŕ Ś Š Ŝ ů ŷ Ž ž Ž

Cyrillic character table (АБВ)

±0	αο1	ABC2	DEF3	GHI4	JKL5	MNO6	PQRS7	TUV8	WXYZ9
Space 0 Γ € I İ Ÿ	Space . @ / : ; * # + - 1 " ' , ! i ? ¿ _ € £ \$ ¥ () [] { } & % \ ^ ~ < > = □ §	А Б В Г 2	Д Е Ж З 3	И Й К Л 4	М Н О П 5	Р С Т У 6	Ф Х Ц Ч 7	Ш Щ Ъ Ы 8	Ь Э Ю Я 9

Error messages

If the unit detects a problem, one of the following messages is shown on the display.

Display message	Cause/solution
Code Error	<ul style="list-style-type: none">• You entered the incorrect PIN code when you entered the current PIN (page 25). Enter the correct one.• You entered the incorrect PUK code. Check PUK code and enter again.
Code don't match	<ul style="list-style-type: none">• You entered the incorrect PIN code when you entered to verify the new PIN (page 25). Enter the correct one.
Error:00x	<ul style="list-style-type: none">• The base unit does not work properly; contact your nearest Panasonic service centre for further details.
Failed	<ul style="list-style-type: none">• Phonebook copy failed (page 20). Confirm the other handset (the receiver) is in standby mode and try again.
left retries:N	<ul style="list-style-type: none">• You entered the incorrect PIN or PUK code. (N) shows how many times you can enter PIN or PUK code until the SIM card will become locked. Enter the correct PIN or PUK code.
GSM Out of Area	<ul style="list-style-type: none">• There is no network service in your current location. Check the current status (page 13) and move the base unit to a new location until the GSM network indicator lights green.
Incomplete	<ul style="list-style-type: none">• The receiver's phonebook memory is full. Erase the unnecessary phonebook entries from the other handset (the receiver) and try again.
Insert SIM to base.	<ul style="list-style-type: none">• SIM card is inserted incorrectly or absent from the base unit. Check and insert the SIM card into the base unit correctly (page 9).
Memory Full	<ul style="list-style-type: none">• The handset phonebook memory is full. Erase unnecessary entries (page 19).
No link to base. Reconnect AC adaptor.	<ul style="list-style-type: none">• The handset has lost communication with the base unit. Move closer to the base unit and try again.• Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again.• The handset's registration may have been cancelled. Re-register the handset (page 27).

Display message	Cause/solution
SIM Blocked	<ul style="list-style-type: none"> You entered the incorrect PIN code 3 times, therefore the SIM card is locked. Enter the 8-digit PUK code supplied by your service provider using the following method. <ol style="list-style-type: none"> 1 Enter the 8-digit PUK code. → [>]/[#] 2 Enter the new PIN code (4 to 8 digits). → [>]/[#] 3 Re-enter the new PIN code (4 to 8 digits) for verifying. → [>]/[#]
SIM is not available	<ul style="list-style-type: none"> This unit is set to accept only certain SIM cards (page 8). Contact your service provider for further information. You entered the incorrect PUK code 10 times and the SIM card is permanently locked. Contact your service provider for further information.

Troubleshooting

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

General use



Problem	Cause/solution
The handset does not automatically turn on after installing/replacing battery.	<ul style="list-style-type: none">• The battery is empty or too weak to turn on the power. Place the handset on the base unit or charger, and let it charge.
The unit does not work.	<ul style="list-style-type: none">• Make sure the SIM card is installed correctly (page 9).• Make sure the batteries are installed correctly (page 10).• Fully charge the batteries (page 10).• Check the connections (page 10).• Unplug the base unit's AC adaptor to reset the unit and turn off the handset. Reconnect the adaptor, turn on the handset and try again.• The handset has not been registered to the base unit. Register the handset (page 27).
The handset phonebook entries I copied from the SIM card are not displayed correctly.	<ul style="list-style-type: none">• Only characters shown in the character entry tables (page 33) can be displayed.
I cannot use the text message (SMS) service.	<ul style="list-style-type: none">• Contact your service provider for availability of this service.

Settings and security

Problem	Cause/solution
I have changed the display language to a language I cannot read.	<ul style="list-style-type: none">• Change the display language. [✕⊙] → [⊠/OK] → [▼] 3 times → [▶] → [▼] 2 times → [▶] 2 times → [▼]/[▲]: Select your desired language. → [▶] → [✕⊙]
While changing the setting, the handset starts to ring.	<ul style="list-style-type: none">• A call is being received. Answer the call and start again after hanging up.

Problem	Cause/solution
I cannot register a handset to a base unit.	<ul style="list-style-type: none"> • The maximum number of handsets (6) is already registered to the base unit. Cancel unused handset registrations from the base unit (page 27). • Place the handset and the base unit away from other electrical appliances.
I cannot turn the call divert feature on.	<ul style="list-style-type: none"> • Call barring feature is turned on. Cancel it (page 26). • If you still cannot turn the call divert feature on, contact your service provider.
I cannot turn the call barring feature on.	<ul style="list-style-type: none"> • Call divert feature is turned on. Cancel it (page 24). • If you still cannot turn the call barring feature on, contact your service provider.

Battery recharge

Problem	Cause/solution
The handset beeps and/or  flashes.	<ul style="list-style-type: none"> • Battery charge is low. Fully charge the batteries (page 10).
I fully charged the batteries, but  still flashes.	<ul style="list-style-type: none"> • Clean the charge contacts and charge again (page 11). • It is time to replace the batteries (page 10).
I fully charged the batteries, but the operating time seems to be shorter.	<ul style="list-style-type: none"> • Clean the battery ends (+, -) and the charge contacts with a dry cloth, and charge again.
The handset display is blank.	<ul style="list-style-type: none"> • The handset is not turned on. Press [*0] for about 1 second to turn the power on.

Making/answering calls, intercom

Problem	Cause/solution
Y is flashing on the handset.	<ul style="list-style-type: none"> • The handset is too far from the base unit. Move closer. • The base unit's AC adaptor is not connected. Check the connections. • You are using the handset or base unit in an area with high electrical interference. Reposition the base unit and use the handset away from sources of interference. • The handset is not registered to the base unit. Register it (page 27).

Useful Information

Problem	Cause/solution
Noise is heard, sound cuts in and out.	<ul style="list-style-type: none">• 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.• The GSM network signal is weak. Check the current status (page 13) and move the base unit to a new location until the GSM network indicator lights green.• Move the handset closer to the base unit.
The handset does not ring.	<ul style="list-style-type: none">• The ringer volume is turned off. Adjust ringer volume (page 22).
I cannot make a call.	<ul style="list-style-type: none">• The base unit's AC adaptor is not connected. Check the connections.• The base unit is not in a GSM network service coverage area. Check the current status (page 13) and move the base unit to a new location until the GSM network indicator lights green.• The handset is too far from the base unit. Move closer and try again.• Another unit is in use. Wait and try again later.• Outgoing calls are barred. Cancel the outgoing call bar settings (page 26).
I cannot receive a call.	<ul style="list-style-type: none">• The base unit's AC adaptor is not connected. Check the connections.• The base unit is not in a GSM network service coverage area. Check the current status (page 13) and move the base unit to a new location until the GSM network indicator lights green.• Incoming calls are barred. Cancel the incoming call bar settings (page 26).
Emergency calls cannot be made.	<ul style="list-style-type: none">• You are not in a GSM network service coverage area. Check the current status (page 13) and move the base unit to a new location until the GSM network indicator lights green.• There is no SIM card in the base unit.

Liquid damage

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

Caution:

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

Glossary of terms

Terms	Meaning
GSM	Global System for Mobile communications. The name given to the advanced digital technology that your phone uses.
Password	In these instructions, the word password used for the control of call barring. Supplied by your service provider.
PIN	Personal Identification Number used for SIM card security supplied by your service provider. If the incorrect PIN code is entered 3 times, the SIM card is locked.
PUK	PIN Unblocking Key. Used to unblock PIN code. Supplied by your service provider. If the incorrect PUK code is entered 10 times, the SIM card is permanently locked. Contact your service provider for further information.
Service provider	The organisation responsible for providing services from mobile phone networks.
SIM	Subscriber Identity Module. A small smart-card which stores unique service provider and user information. Supplied by your service provider.

Warranty

Panasonic New Zealand undertakes to:

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

THIS EXPRESS WARRANTY DOES NOT COVER:

- 1) Pick up and delivery.
- 2) Batteries.
- 3) Repairs when the product has not been used in accordance with the Operating Instructions Manual or has been modified.
- 4) Normal maintenance and cleaning as required in the product's Operating Instructions Manual.
- 5) Service calls to:
 - a Correct the set up of the product
 - b Instruct you how to use the product
 - c Replace fuses or correct your building's wiring
- 6) Damage to the product caused by accident, misuse or Act of God.
- 7) Repairs when the product has been dismantled, repaired, modified or serviced by other than a Panasonic Authorised Dealer authorised to service that type of product.

IF YOUR PANASONIC PRODUCT FAILS WITHIN THE WARRANTY PERIOD:

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

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

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For your future reference

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

Serial No.

Date of purchase

(found on the back of the base unit)

Name and address of dealer

Attach your purchase receipt here.

Customer Support Centre Tel. No.:

(09) 272 0178 or website www.panasonic.co.nz

Sales Department:

Panasonic New Zealand Ltd.

350 Te Irirangi Drive, East Tamaki, Private Bag 14911 Panmure, Auckland,
New Zealand

Phone: (09) 272 0100

Fax: (09) 272 0137

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