Panasonic

Operating Instructions

Digital Cordless Answering System

Model No. **KX-TG7341AL**
KX-TG7343AL

Model shown is KX-TG7341.

DECT
6.0

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

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.

Table of Contents

Product information

Thank you for purchasing a Panasonic digital cordless phone.
Important:
● The suffix (AL) in the following model numbers will be omitted in these instructions:
  KX-TG7341AL/KX-TG7343AL

Model composition

KX-TG7341 series

● Model shown is
  KX-TG7343.

Model No.	Base unit	Handset	
	Part No.	Part No.	Quantity
KX-TG7341	KX-TG7341	KX-TGA731	1
KX-TG7343	KX-TG7341	KX-TGA731	3

Accessory information

Supplied accessories

No.	Accessory item/Part number	Quantity	
		KX-TG7341	KX-TG7343
①	AC adaptor for base unit/PQLV207AL	1	1
②	Telephone line cord[*1]	1	1
③	Rechargeable batteries[*2]	2	6
④	Handset cover[*3]	1	3
⑤	Charger	—	2
⑥	AC adaptor for charger/PQLV209AL	—	2

*1 The telephone line cord comes connected with the telephone plug.
*2 See page 4 for replacement battery information.
*3 The handset cover comes attached to the handset.

① ② ③ ④ ⑤ ⑥
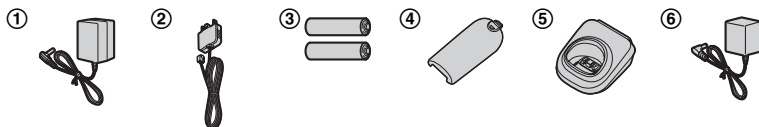
Additional/replacement accessories

Please contact your nearest Panasonic dealer for sales information.

No.	Accessory item	Model number
①	DECT repeater	KX-A272AL

Replacement battery information:

- Replace batteries only with a nickel metal hydride (Ni-MH) type of battery. This model requires 2 AAA (R03) batteries for every handset. For best performance, we recommend using Panasonic rechargeable batteries (Model No. HHR-4MPT/2B).
- Replacement batteries may have a different capacity from that of the supplied batteries.

Expanding your phone system

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

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

Handset (optional): KX-TGA731AZ

4

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

Operating safeguards

- Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners.
- Do not disassemble the product.
- Do not spill liquids (detergents, cleansers, etc.) onto the telephone line cord plug, or allow it to become wet at all. This may cause a fire. If the telephone line cord plug becomes wet, immediately pull it from the telephone wall socket, and do not use.

Medical

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

CAUTION

Installation and relocation

- 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.
  – the key lock feature is turned on.

Battery

- We recommend using the batteries noted on page 4. **USE ONLY rechargeable Ni-MH batteries AAA (R03) size.**
- Do not mix old and new batteries.
- Do not open or mutilate the batteries. Released electrolyte from the batteries is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic 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

- Please ensure that a separate telephone, not dependent on local power, is available for emergency use.
- 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" 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 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.
  – avoid facing 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 the power cord or 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 cloth.**
- Do not use benzine, thinner, or any abrasive powder.

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 the information such as phonebook or caller list entries from the memory before you dispose of, transfer, or return the product.
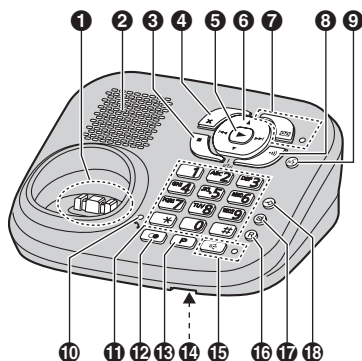
Information on Disposal in other Countries outside the European Union

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.

Controls

Base unit

A **Charge contacts**
B **Speaker**
C **【■】 (Stop)**
D **【✕】 (Erase)**
E **【►】 (Play)**
   Message indicator
F **【▲】【▼】: To adjust the ringer and speaker volumes.**
   【◄◄】【►►】: To select the desired ringer tone or to repeat or skip the recorded messages.
G **【▣】 (Answer on)**
   Answer on indicator
H **【•)】 (Locator/Intercom)**
I **【₍₆₎】 (Greeting)**
J **In use indicator**
K **Dial keypad**
L **【◌●】 (Redial)**
M **【P】 (Pause)**
N **Microphone**
O **【◁】 (Speakerphone)**
   Speakerphone indicator
P **【R】 (Recall/Flash)**
Q **【⊠】 (Mute)**
R **【→】 (Program/Speed dial)**

Handset
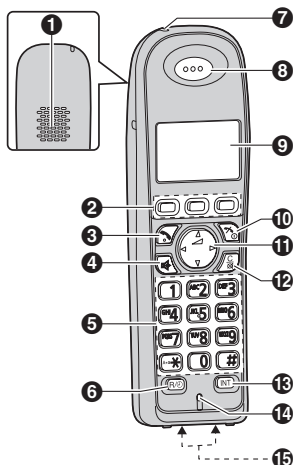
A **Speaker**
B **Soft keys**
C **【➜】 (Talk)**
D **【◁】 (Speakerphone)**
E **Dial keypad**
F **【R/⏱】**
   R: Recall/Flash
   ⏱: Alarm shortcut key
G **Charge indicator**
   Ringer indicator
H **Receiver**
I **Display**
J **【✕⏻】 (Off/Power)**
K **Navigator key (【▲】/【▼】/【◄】/【►】)**
   ⏤ (Volume: 【▲】/【▼】)
L **【C/⊠】 (Clear/Mute)**
M **【INT】 (Intercom)**
N **Microphone**
O **Charge contacts**

9

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.

Volume up
[▲]

[◄] **[►]**

[▼]
Volume down
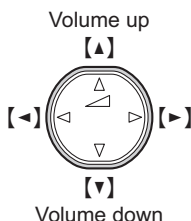
Soft keys

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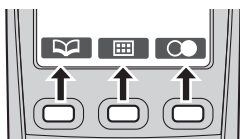
Display

Handset display items

Item	Meaning
Y	Within range of a base unit ● When flashing: Handset is searching for base unit. (page 46)

Item	Meaning
⠀))	Handset is accessing base unit. (intercom, paging, changing base unit settings, etc.)
☎	Handset is on an outside call.
→)	Missed call[1] (page 28)
▭	● When displayed next to the battery icon: Answering system is on. (page 30) ● When displayed with a number: New messages have been recorded. (page 32)
●	Answering system is full.
(ʃ	Answering system answers calls with a greeting message and caller messages are not recorded. ("Caller's recording time", page 35)
▥	Battery level
⊕	Alarm is on. (page 25)
≿	Call privacy mode is on. (page 19)
✗	Ringer volume (page 23) is off.
✉	New voice mail message received.[2] (page 37)
IN USE	● Someone is using the line. ● Answering system is being used by another handset.

[1] Caller ID subscribers only
[2] Voice mail subscribers only

10

Soft key icons

| Icon	Action
◪	Returns to the previous screen.
▦	Displays the menu.
OK	Accepts the current selection.
◼	Displays a previously dialled phone number.
☷	Opens the phonebook.
A/B/b	Displays the character entry mode for phonebook search. (page 20)
☷0	Turns the key lock feature off. (page 19)
1/A/?	Selects a character entry mode.
◼	Stops recording or playback.
P	Inserts a dialling pause.
X	Erases the selected item.
▦	No function

Connections

Connect the AC adaptor cord (❶) by pressing the plug firmly (❷). Connect the telephone line cord until it clicks into the base unit and telephone line socket (❸).

Base unit

● Use only the supplied Panasonic AC adaptor PQLV207AL.
● Use only the supplied telephone line cord. Using another telephone line

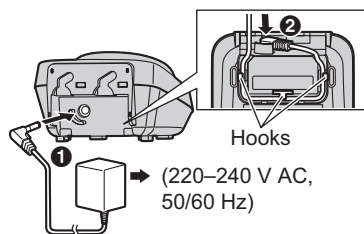cord may not allow the unit to work properly.

To socket ❸

(220–240 V AC, 50/60 Hz) ❶ ❷

Hook
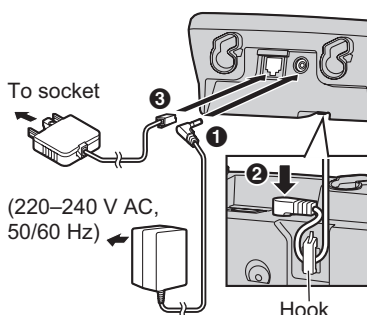
Charger

Available for:
KX-TG7343

● Use only the supplied Panasonic AC adaptor PQLV209AL.

❷

Hooks

❶ ➡ (220–240 V AC, 50/60 Hz)

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 is not designed to be used with rotary/pulse dialling services.

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.

If you subscribe to a DSL/ADSL service

Please attach a DSL/ADSL filter (contact your DSL/ADSL provider) to the telephone line between the base unit and the telephone line socket in the event of the following:

– noise is heard during conversations.
– Caller ID features do not function properly.

To socket

DSL/ADSL filter
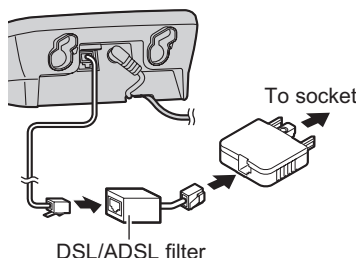
# Battery installation and replacement

Important:

● Use the supplied rechargeable batteries (Part No. HHR-55AAAB).
● When installing the batteries:
  – Wipe the battery ends ($\oplus$, $\ominus$) with a dry cloth.
  – Avoid touching the battery ends ($\oplus$, $\ominus$) or the unit contacts.
  – Confirm correct polarities ($\oplus$, $\ominus$).
● When replacing the batteries:

– USE ONLY rechargeable Ni-MH batteries AAA (R03) size.
– Do NOT use Alkaline/Manganese/Ni-Cd batteries.
– We recommend using the Panasonic rechargeable batteries noted on page 4, 6.

1 Firmly press the notch on the handset cover and slide it in the direction of the arrow.
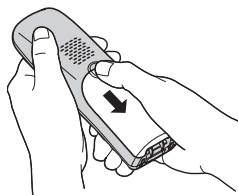
2 Insert the batteries negative ($\ominus$) end first. Close the handset cover.
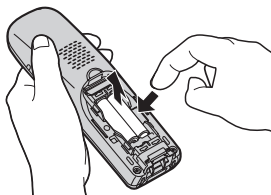
Rechargeable Ni-MH ONLY
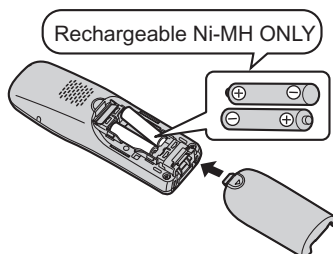
Important:

● If the handset does not automatically turn on after installing/replacing batteries, press 【✆ 】 for about 1 second, or place the handset on the base unit or charger.

Note:

● When replacing batteries, remove the old batteries.

Battery charge

Place the handset on the base unit or charger for about 7 hours before initial use.

● While charging, **"Charging"** is displayed and the charge indicator on the handset lights up. When the batteries are fully charged, **"Charge Completed"** displays. The charge indicator stays lit even after the batteries are fully charged.

Base unit   **Charger**[*1]
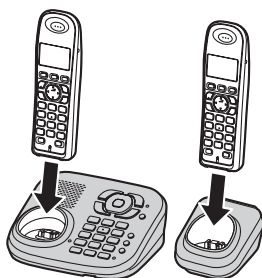
*1 KX-TG7343

Note:

● It is normal for the handset to feel warm during charging.
● If you want to use the unit immediately, charge the batteries for at least 15 minutes.

● Clean the charge contacts of the handset, base unit, 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 ● When flashing: Needs charging.

Panasonic Ni-MH battery performance (supplied batteries)
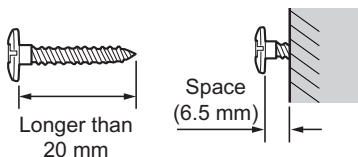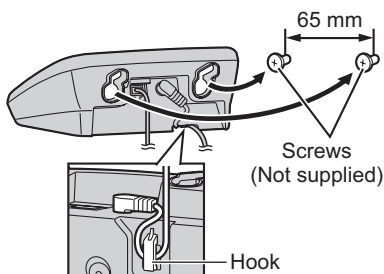
Operation	Operating time
In continuous use	17 hours max.
Not in use (standby)	150 hours max.

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 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.
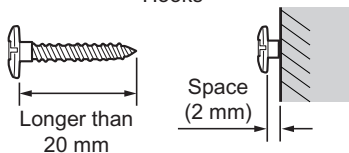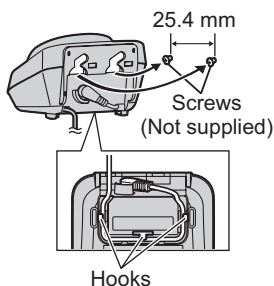
Wall mounting

Base unit

65 mm

Screws
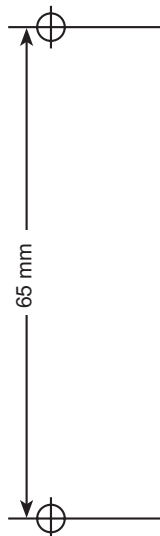(Not supplied)

Hook

Longer than
20 mm

Space
(6.5 mm)

Charger

Available for:
KX-TG7343

25.4 mm

Screws
(Not supplied)

Hooks

Longer than
20 mm

Space
(2 mm)

Wall mounting template

Base unit

65 mm

Charger

25.4 mm
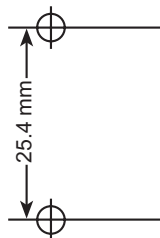
Symbols used in these operating instructions

Symbol	Meaning
【 】	The words in the brackets indicate button names on the handset and base unit. **Example:** Unit keys: **[➘]**, **[⦿⊙]**
→	Proceed to the next operation.
" "	The words in quotations indicate the menu on the display. **Example:** **"Auto Talk"**
[▾]/[▴]: " "	Press **[▾]** or **[▴]** to select the words in quotations. **Example:** **[▾]**: **"Off"**

Turning the power on/off

Power on

Press **[⦿⊙]** for about 1 second.

Power off

Press **[⦿⊙]** for about 2 seconds.

Setting up the unit before use

Display language

1 ▦ (middle soft key)
2 **[▾]/[▴]**: **"Handset Setup"** → **OK**
3 **[▾]/[▴]**: **"Display Setup"** → **OK**
4 **[▾]/[▴]**: **"Select Language"** → **OK**
5 **[▾]/[▴]**: Select your desired language. → **OK** → **[⦿⊙]**

Note:
● If you select a language you cannot read: **[⦿⊙]** → ▦ → **[▴]** 2 times → **OK** → **[▾]** 2 times → **OK** 2 times → **[▾]/[▴]**: Select your desired language. → **OK** → **[⦿⊙]**

Date and time

1 ▦ (middle soft key)
2 **[▾]/[▴]**: **"Handset Setup"** → **OK**
3 **[▾]/[▴]**: **"Time Settings"** → **OK**
4 **[▾]/[▴]**: **"Set Date & Time"** → **OK**
5 Enter the current date, month, and year.
Example: 15 July, 2008
[1][5] [0][7] [0][8]
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** → **[⦿⊙]**

15

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

Using the handset

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 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 **[✆]**.

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 24 digits max.).

1 **[◉]** (right soft key)

2 **[▼]/[▲]**: Select the desired phone number.

3 **[➔]**

Erasing a number in the redial list

1 **[◉]** (right soft key)

2 **[▼]/[▲]**: Select the desired phone number. → **[▦]** → **OK**

3 **[▼]/[▲]**: "Yes" → **OK** → **[✆]**

Using the base unit

1 **[📢]**

2 Dial the phone number.

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

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

Note:
● Use the speakerphone in a quiet environment.
● While on a call, you can switch from the base unit to the handset:
  – Press **[➔]** on the handset, then press **[📢]** on the base unit.
  – If the handset is on the base unit, simply lift it.

Adjusting the speaker volume
Press **[▲]** or **[▼]** repeatedly while talking.

Redialling the last number dialled
[📢] → **[◎]**

Pause (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service. When storing a calling card access number and/or PIN in the phonebook, a pause is also needed (page 21).
Example: If you need to dial the line access number "0" when making outside calls with a PBX:

Handset

1 【0】 → ■P■

2 Dial the phone number. → 【📞】

Base unit

1 【📢】

2 【0】 → 【P】

3 Dial the phone number.

Note for handset and base unit:

- A 3 second pause is inserted each time ■P■ on the handset or 【P】 on the base unit is pressed. Repeat as needed to create longer pauses.

Answering calls

Using the handset

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

1 Lift the handset and press 【📞】 or 【📢】 when the unit rings.

- You can also answer the call by pressing any dial key from 【0】 to 【9】, 【✱】, or 【#】. **(Any key answer feature)**

2 When you finish talking, press 【✆】 or place the handset on the 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 23.

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 23).

Using the base unit

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

1 Press 【📢】 when the unit rings.

2 Speak into the microphone.

3 When you finish talking, press 【📢】.

Adjusting the base unit ringer volume

Press 【▲】 or 【▼】 repeatedly to select the desired volume.

- To turn the ringer off, press and hold 【▼】 until the unit beeps.

Changing the base unit ringer tones

You can change the ringer tone used by the base unit.

1 Press 【▲】 or 【▼】 when the base unit is in standby mode.

2 Press 【◄◄】 or 【►►】 repeatedly to select the desired ringer tone. →【■】

Note:

- You can also select the desired tone by pressing a dial key (【1】 – 【6】) in step 2.

Useful features during a call

Mute

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

Handset

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

Base unit

1. Press **[⌀]** during conversation.
   - The speakerphone indicator on the base unit flashes.
2. To return to the conversation, press **[⌀]** again.

Recall/flash

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

Note:
- To change the recall/flash time, see page 24.

Call share

This feature allows you to join an existing outside call.

Handset

To join the conversation, press **[📞]** when the other handset/base unit is on an outside call.

Base unit

To join the conversation, press **[📢]** when the handset is on an outside call.

Call privacy (Handset)

Call privacy 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 🖦 during an outside call.
2. **[▾]/[▴]**: Select the desired setting.
   → **OK**
   - When this feature is turned on, ⌣ is displayed.

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

Handset key lock

The handset can be locked so that no calls or settings can be made. Incoming calls can be answered, but all other functions are disabled while key lock is on.

To turn key lock on, press 🖦 (middle soft key) for about 3 seconds.

- 🔒 is displayed.
- To turn key lock off, press 🔒 (middle soft key) for about 3 seconds.

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

Handset phonebook

The phonebook allows you to make calls without having to dial manually. You can add 100 names and phone numbers.

Adding entries

1　📖 (left soft key) → 🔲
2　**【▼】/【▲】**: "New Entry" → **OK**
3　Enter the party's name (16 characters max.). → **OK**
   - You can change the character entry mode by pressing 1/A/? (page 41).
4　Enter the party's phone number (24 digits max.). → **OK** 2 times
   - To add other entries, repeat from step 3.
5　**【✆〇】**

Finding and calling a phonebook entry

Scrolling through all entries

1　📖 (left soft key)
2　**【▼】/【▲】**: Select the desired entry.
   - You can scroll through the phonebook entry by pressing and holding **【▼】** or **【▲】**.
3　**【✆】**

Searching by first character (using a dial key)

1　📖 (left soft key)
2　Press the dial key (**【0】** to **【9】**) which contains the character you are searching for (page 41).
   - 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.
   - To change the character entry mode:
     A/B/b → **【▼】/【▲】**: Select the character entry mode. → **OK**
3　**【▼】/【▲】**: Scroll through the phonebook if necessary.
4　**【✆】**

Editing entries

1　Find the desired entry (page 20). → 🔲
2　**【▼】/【▲】**: "Edit" → **OK**
3　Edit the name if necessary (16 characters max.; page 41). → **OK**
4　Edit the phone number if necessary (24 digits max.). → **OK** 2 times → **【✆〇】**

Erasing entries

Erasing an entry

1　Find the desired entry (page 20). → 🔲
2　**【▼】/【▲】**: "Erase" → **OK**
3　**【▼】/【▲】**: "Yes" → **OK** → **【✆〇】**

Erasing all entries

1　📖 (left soft key) → 🔲
2　**【▼】/【▲】**: "Erase All" → **OK**
3　**【▼】/【▲】**: "Yes" → **OK**
4　**【▼】/【▲】**: "Yes" → **OK** → **【✆〇】**

Chain dial

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

1   During an outside call, press 📖.
2   【▼】/【▲】: Select the desired entry.
3   Press **OK** to dial the number.

Note:

● When storing a calling card access number and your PIN in the phonebook as one phonebook entry, press **P** to add pauses after the number and PIN as necessary (page 17).

Copying phonebook entries

You can copy phonebook entries to the phonebook of another compatible Panasonic handset.

Copying an entry

1   Find the desired entry (page 20). → 🔳
2   【▼】/【▲】: **"Copy"** → **OK**
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: 【▼】/【▲】: **"Yes"** → **OK** → Find the desired entry. → **OK**
4   【✆⦵】

Copying all entries

1   📖 (left soft key) → 🔳
2   【▼】/【▲】: **"Copy All"** → **OK**
3   Enter the handset number you wish to send the phonebook entry to.
    ● When all entries have been copied, **"Completed"** is displayed.
4   【✆⦵】

Base unit speed dial

You can assign one phone number to each of the 10 dial keys (**[0]** – **[9]**) on the base unit.

Adding phone numbers to speed dial

Important:

● Before adding phone numbers, make sure the base unit is not in use.

1 **[⇥]**

● The in use indicator flashes.

2 Enter the phone number (24 digits max.).

● If a pause is required for dialling, press **[P]** where needed (page 17).

● If you enter incorrectly, continue and finish step 4, then start again from step 1.

3 **[⇥]**

4 Press a dial key (**[0]** – **[9]**).

● A long beep is heard and the in use indicator stops flashing.

Note:

● If a phone number is assigned to a dial key which already contains a phone number, the old number will be erased.

● We recommend you make a note of which phone numbers are stored in which dial keys.

To erase a stored phone number

1 **[⇥]** 2 times

2 Press the desired dial key (**[0]** – **[9]**).

Making a call using the speed dial keys

1 **[🕬]** → **[⇥]**

2 Press the desired dial key (**[0]** – **[9]**).

Note:

● Speed dial numbers can only be dialled from the base unit.

Programmable settings

You can customise the unit by programming the following features using the handset.

Programming by scrolling through the display menus

1   ▦ (middle soft key)

2   Press **[▾]** or **[▴]** to select the desired top-menu. → **OK**

3   Press **[▾]** or **[▴]** to select the desired item in sub-menu 1. → **OK**
 ● In some cases, you may need to select from sub-menu 2. → **OK**

4   Press **[▾]** or **[▴]** to select the desired setting. → **OK**
 ● This step may vary depending on the feature being programmed.
 ● To exit the operation, press **[⚙⊙]**.

Note:

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

Top-menu	Sub-menu 1	Sub-menu 2	Page
Handset Setup	**Time Settings**	**Set Date & Time**[*1]	15
		Alarm	25
		Time Adjustment[*1] **<Caller ID[Auto]>**	25
	Ringer Setup	**Ringer Volume** <*Maximum*>	–
		Ringtone[*2, *3] **<Ringtone 1>**	–
	Display Setup	**Select Language** **<English>**	15
		Contrast <*Level 3*>	–
	Register H.set	–	26
	Keytones[*4] **<On>**	–	–
	Auto Talk[*5] **<Off>**	–	18

Top-menu	Sub-menu 1	Sub-menu 2	Page
`Base Unit Setup`[1]	`Recall/Flash`[6] `<100 msec.>`	–	19
	`Area Code`	–	26
	`Base Unit PIN` `<0000>`	–	26
	`Repeater Mode` `<Off>`	–	27

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

[2] If you select one of the melody ringer tones, the ringer tone continues to play for several seconds even if the caller has already hung up. You may either hear a dial tone or no one on the line when you answer the call.

[3] The preset melodies in this product are used with permission of © 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] 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.

[6] The recall/flash 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/flash time set at **"100 msec."**, and then follow your service provider/telephone company "call waiting" instructions to operate this service.

Special instructions for programmable 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 15).

1 🔳 (middle soft key)

2 **[▼]**/**[▲]**: **"Handset Setup"** →
   OK

3 **[▼]**/**[▲]**: **"Time Settings"** →
   OK

4 **[▼]**/**[▲]**: **"Alarm"** → **OK**

5 **[▼]**/**[▲]**: Select the desired alarm option. → **OK**

"Off"
Turns alarm off. Press **OK** 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.

---

6 Set the desired time. → **OK**

7 **[▼]**/**[▲]**: Select the desired ringer tone. → **OK** 2 times
   ● We recommend selecting a different ringer tone to the one used for outside calls.
   ● When the alarm is set, ⏰ is displayed.

8 **[☎⏻]**

Note:

● You can skip to step 4 by pressing **[R/⏱]** in standby mode.

● To stop the alarm, press any dial key 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.

● If you select **"Once"**, the setting changes to **"Off"** after the alarm sounds.

● Even when the ringer volume for outside calls is set to off (page 23), the alarm sound is heard at a low level.

Time adjustment (Caller ID subscribers only)

This feature allows the unit to automatically adjust the date and time each time caller information is received. To use this feature, your caller ID service has to provide caller information, including date and time. Contact your service provider/telephone company for details.
To turn this feature on, select **"Caller ID[Auto]"**. To turn this feature off, select **"Manual"**.

Important:

● To use this feature, set the date and time first (page 15).

1 🔳 (middle soft key)

2 **[▼]**/**[▲]**: **"Handset Setup"** →
   OK

3 **[▼]**/**[▲]**: **"Time Settings"** →
   OK

4 **[▼]**/**[▲]**: **"Time Adjustment"** →
   OK

5 **[▼]**/**[▲]**: Select **"Caller ID[Auto]"** or **"Manual"**. → **OK**
   → **[☎⏻]**

Selecting area codes to be deleted automatically

In some situations, phone numbers stored automatically in the caller list (page 29) will include area codes. If you do not want to dial the area codes when making calls from the caller list, you can store the area codes which you want the unit to delete automatically.

Example: You have stored the area code "123". If you make a call from the caller list to the phone number "123-456-7890", the unit dials "456-7890".

1   📖 (middle soft key)
2   **[▼]/[▲]**: **"Base Unit Setup"** → **OK**
3   **[▼]/[▲]**: **"Area Code"** → **OK**
4   Enter an area code (5 digits max.). → **OK** → **[✆⏻]**

Changing the base unit PIN (Personal Identification Number)

Important:

● If you change the PIN, please make note of your new PIN. The unit will not reveal the PIN to you. If you forget your PIN, contact your nearest Panasonic service centre.

1   📖 (middle soft key)
2   **[▼]/[▲]**: **"Base Unit Setup"** → **OK**
3   **[▼]/[▲]**: **"Base Unit PIN"** → **OK**
4   Enter the current 4-digit base unit PIN (default: **"0000"**).
5   Enter the new 4-digit base unit PIN. → **OK** → **[✆⏻]**

# 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. If another handset model is used, certain operations (handset settings, base unit settings, etc.) may not be available.

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:**
    📖 (middle soft key)
2   **[▼]/[▲]**: **"Handset Setup"** → **OK**
3   **[▼]/[▲]**: **"Register H.set"** → **OK**
4   **Base unit:**
    Press and hold **[•))]** for about 5 seconds, until the registration tone sounds.
    ● If all registered handsets start ringing, press the same button to stop. Then repeat this step.
    ● The next step must be completed within 90 seconds.

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

- If you forget your PIN, contact your nearest Panasonic service centre.
- When the handset has been registered successfully, $\mathbf{Y}$ 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 in the base unit. This allows the handset to end its wireless connection with the system.

1 **▦** (middle soft key)
2 **[v]/[▲]**: **"Base Unit Setup"** → **OK**
3 **[3][3][5]**
4 **[v]/[▲]**: **"Deregistration"** → **OK**

- The numbers of all handsets registered to the base unit are displayed.

5 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.

6 **[v]/[▲]**: **"Yes"** → **OK**

- A confirmation tone sounds as each handset number disappears.

- The handset does not beep when cancelling its own registration.

7 **[✆]**

Increasing the range of the base unit

You can increase the signal range of the base unit by using a DECT repeater. Please use only the Panasonic DECT repeater noted on page 4. Contact your Panasonic dealer for details.

Important:

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

Setting the repeater mode

1 **▦** (middle soft key)
2 **[v]/[▲]**: **"Base Unit Setup"** → **OK**
3 **[v]/[▲]**: **"Repeater Mode"** → **OK**
4 **[v]/[▲]**: Select the desired setting. → **OK** → **[✆]**

Note:

- After turning the repeater mode on or off, $\mathbf{Y}$ flashes on the handset momentarily. This is normal and the handset can be used once $\mathbf{Y}$ stops flashing.

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.

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.

Call waiting and Caller ID compatible

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 **{R/ }** on the handset or **{R}** on the base unit. (Recall/flash 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.

Missed calls

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

Even if only one missed call in the caller list is viewed (page 29), disappears from the display. When you receive another new call, is displayed again.

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.

Caller list

Important:

● Only 1 person can access the caller list at a time.

Viewing the caller list and calling back

1 ▦ (middle soft key)

2 **[▼]**/**[▲]**: **"Caller List"** → **OK**

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.
- To erase the item, press **X** . → **[▼]**/**[▲]**: **"Yes"** → **OK**
- If you do not want to dial the area codes when making calls from the caller list, you can store the area codes which you want the unit to delete automatically (page 26).

Editing a caller's phone number before calling back

1 ▦ (middle soft key)

2 **[▼]**/**[▲]**: **"Caller List"** → **OK**

3 **[▼]**/**[▲]**: Select the desired entry. → ▦

4 **[▼]**/**[▲]**: **"Edit and Call"** → **OK**

5 Edit the number.
- Press dial key (**[0]** to **[9]**) to add, **[C/⊠]** to delete.

6 **[➘]**

Erasing caller information

1 ▦ (middle soft key)

2 **[▼]**/**[▲]**: **"Caller List"** → **OK**

3 **[▼]**/**[▲]**: Select the desired entry. → ▦

4 **[▼]**/**[▲]**: Select **"Erase"** or **"Erase All"**. → **OK**

5 **[▼]**/**[▲]**: **"Yes"** → **OK** → **[✂⊙]**

Storing caller information to the phonebook

1 ▦ (middle soft key)

2 **[▼]**/**[▲]**: **"Caller List"** → **OK**

3 **[▼]**/**[▲]**: Select the desired entry. → ▦

4 **[▼]**/**[▲]**: **"Add Phonebook"** → **OK**

5 To store the name, continue from step 3, "Adding entries", page 20.

Answering system

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. Select **"Greeting
Only"** as the recording time setting
(page 35).

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).

Memory capacity

The total recording capacity (including
your greeting message) is about 20
minutes. A maximum of 64 messages
can be recorded.

Note:

- If message memory becomes full:
  - **"Answer Sys. Full"** is shown
    on the handset display.
  - the answer on indicator on the base
    unit flashes rapidly when the
    answering system is turned on.
- When the message memory becomes
  full:
  - 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

The answering system is preset to on.

Base unit

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

- When the answering system is turned
  on, the answer on indicator lights up.

Handset

1 (middle soft key)
2 **[v]/[▲]**: **"Answer System"** →
   OK
3 **[v]/[▲]**: Select **"Answer On"** or
   "Answer Off". → **OK** →
   [☎]

Note:

- When the answering system is turned
  on, is displayed next to the battery
  icon.

Call screening

While a caller is leaving a message, you
can listen to the message being
recorded through both the handset and
base unit's speaker. To adjust speaker
volume, press **[▲]** or **[v]** repeatedly. You
can answer the call by pressing **[ ]** on
the handset or **[ ]** on the base unit. Call
screening can be set for each handset
and/or base unit.

Note:

- To turn this feature on/off, see page
  36.

Greeting message

When the unit answers a call, callers hear a greeting message. You can record your own greeting message or use a pre-recorded greeting message.

Recording your greeting message

You can record your own greeting message (2 minutes and 30 seconds max.).

Base unit

1 Press and hold **[ ]** for about 1 second.
   ● Speak clearly about 20 cm away from the microphone.
2 Press **[■]** to stop recording.

Handset

1 **[ ]** (middle soft key)
2 **[▼]/[▲]**: **"Answer System"** → **OK**
3 **[▼]/[▲]**: **"Record Greeting"** → **OK**
4 Hold the handset about 20 cm away and speak clearly into the microphone.
5 Press **[ ]** to stop recording.
6 **[ ]**

Using a pre-recorded greeting message

If you erase or do not record your own greeting message, the unit plays a pre-recorded greeting message for callers and asks them to leave a message. If the message recording time (page 35) is set to **"Greeting Only"**, caller messages are not recorded and the unit plays a

different pre-recorded greeting message asking callers to call again.

Playing back the greeting message

Base unit

Press **[ ]**.

Handset

1 **[ ]** (middle soft key)
2 **[▼]/[▲]**: **"Answer System"** → **OK**
3 **[▼]/[▲]**: **"Play Greeting"** → **OK**
4 **[ ]**

Erasing your greeting message

If you erase your own greeting message, the unit plays a pre-recorded greeting message for callers.

Base unit

Press **[ ]**, and then press **[✕]** while your greeting message is playing.

Handset

1 **[ ]** (middle soft key)
2 **[▼]/[▲]**: **"Answer System"** → **OK**
3 **[▼]/[▲]**: **"Erase Message"** → **OK**
4 **[▼]/[▲]**: **"Erase Greeting"** → **OK**
5 **[▼]/[▲]**: **"Yes"** → **OK** → **[ ]**

31

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.

Note:

- When the answer on indicator on the base unit flashes rapidly, the message memory is full ("Memory capacity", page 30).

Operating the answering system

Key	Operation
[▲] or **[▼]**	Adjust the speaker volume
[◄◄]	Repeat message (during playback)[*1]
[►►]	Skip message (during playback)
[■]	Stop playback
[✕]	Erase currently playing message

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

Erasing all messages

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

Listening to messages using the handset

When new messages have been recorded, is displayed on the handset with the total number of new messages.

1. (middle soft key)
2. **[▼]**/**[▲]**: **"Answer System"** → **OK**
3. **[▼]**/**[▲]**: Select **"Play New Msg."** or **"Play All Msg."**. → **OK**
4. When finished, press **[✆]**.

Note:

- To switch to the receiver, press **[📞]**.

Operating the answering system

You can also operate the answering system by pressing dial keys or soft keys on the handset.

(middle soft key) →
[▼]/**[▲]**: **"Answer System"** → **OK**

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

Key	Operation
【8】	Turn answering system on
【9】 or ■	Stop recording Stop playback
【0】	Turn answering system off
【✳】【4】*2	Erase currently playing message
【✳】【5】	Erase all messages
【✳】【6】	Erase greeting message

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

*2 You can also erase as follows:
 ✖ → 【▼】/【▲】: "Yes" → OK

Erasing all messages

1 ▦ (middle soft key)

2 【▼】/【▲】: "Answer System" → OK

3 【▼】/【▲】: "Erase Message" → OK

4 【▼】/【▲】: "Erase All" → OK

5 【▼】/【▲】: "Yes" → OK → 【✗⏻】

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 ▦ during playback.

2 【▼】/【▲】: "Call Back" → OK

Editing the number before calling back

1 Press ▦ during playback.

2 【▼】/【▲】: "Edit and Call" → OK

3 Edit the number. → 【➘】

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 ▦ (middle soft key)

2 【▼】/【▲】: "Answer System" → OK

3 【▼】/【▲】: "Settings" → OK

4 【▼】/【▲】: "Remote Code" → OK

5 To turn on remote operation, enter the desired 3-digit remote access code.

● To turn off remote operation, press 【✳】.

6 OK → 【✗⏻】

Using the answering system remotely

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

2 After the greeting message starts, enter your remote access code.
- The unit announces the number of new messages.

3 Follow the voice guidance prompts as necessary or control the unit using remote commands (page 34).

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.

Remote commands

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

Key	Operation
[1]	Repeat message (during playback)[*1]
[2]	Skip message (during playback)
[4]	Play new messages
[5]	Play all messages
[6]	Play greeting message
[7]	Record greeting message
[9]	Stop recording Stop playback
[0]	Turn answering system off
[ ][4]	Erase currently playing message
[ ][5]	Erase all messages
[ ][6]	Erase greeting message (during greeting message playback)
[ ][#]	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 33).

Skipping the greeting message to leave a message

You can leave a message just as any outside caller can. Call your phone number from a touch-tone phone. When the answering system picks up, press **[ ]** to skip the greeting message and record your message after the beep.

Answering system settings

Number of rings before the unit answers a call

You can change the number of times the phone rings **"Number of Rings"**

before the unit answers a call. You can select 2 to 7 rings, or **"Auto"**.
The default setting is **"4 Rings"**.
"Auto": 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 33), 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 🔲 (middle soft key)

2 **[▼]/[▲]**: **"Answer System"** ⟶ **OK**

3 **[▼]/[▲]**: **"Settings"** ⟶ **OK**

4 **[▼]/[▲]**: **"Number of Rings"** ⟶ **OK**

5 **[▼]/[▲]**: Select the desired setting. ⟶ **OK** ⟶ **[✆]**

For service provider voice mail subscribers

To receive voice mail and use answering system properly, please note the following:

● "Voice mail" is a service provided by your service provider/telephone company (page 37). 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.
  This unit does not have a visual indicator to indicate if there are new

messages in your voice mail service. Your service provider/telephone company may use a "Stutter" dial tone to indicate that you have voice mail left.

● 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 **"Number of Rings"** 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.

Note:

● Provider voice mail can capture messages that can be missed while the customer is on the Internet.

Caller's recording time

You can change the maximum message recording time allotted to each caller. You can also select **"Greeting Only"** which sets the unit to greet callers but not record messages. The default setting is **"3 Minutes"**.

1 🔲 (middle soft key)

2 **[▼]/[▲]**: **"Answer System"** ⟶ **OK**

3 **[▼]/[▲]**: **"Settings"** ⟶ **OK**

4 **[▼]/[▲]**: **"Recording Time"** ⟶ **OK**

5 **[▼]/[▲]**: Select the desired setting. ⟶ **OK** ⟶ **[✆]**

Note:
● You may create your own greeting-only message by following the steps on page 31.

The unit plays the pre-recorded greeting-only message asking callers to call again if your own greeting-only message is not recorded.

Call screening

You can set the call screening feature on/off. For details, see page 30.

Base unit

The default setting is off.
To turn call screening on
Press and hold **[■]** until a long beep sounds.
To turn call screening off
Press and hold **[■]** until a short beep sounds.

Handset

The default setting is **"On"**.

1 ▦ (middle soft key)
2 **[▼]/[▲]**: **"Answer System"** →
   OK
3 **[▼]/[▲]**: **"Settings"** → **OK**
4 **[▼]/[▲]**: **"Call Screening"** →
   OK
5 **[▼]/[▲]**: Select the desired setting.
   → **OK** → **[✆]**

Voice mail service

Voice mail is an automatic answering service offered by your service provider/ telephone company. After you subscribe to this service, your service provider/ telephone company's voice mail system answers calls for you when you are unavailable to answer the phone or when your line is busy. Messages are recorded by your service provider/ telephone company, not your telephone. When you have new messages, ✉ is displayed on the handset depending on your service provider/telephone company. Please contact your service provider/telephone company for details of this service.

Important:

- If ✉ still remains on the display even after you have listened to new messages, turn it off by pressing and holding **[C/✉]** for 2 seconds.
- 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 30). For details, see page 35.

Intercom

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

Note:

● If you receive an outside call while talking on the intercom, you hear interrupt tones.
  – To answer the call with the handset, press 【✆】, then press 【�’】.
  – To answer the call with the base unit, press 【🕩】 2 times.
● When paging unit(s) for an intercom call, the paged unit(s) beeps for 1 minute.

Making an intercom call

Handset

1 【**INT**】

2 To page the base unit, press 【**0**】. To page a specific handset, enter the handset number.
  ● To stop paging, press 【✆】.

3 When you finish talking, press 【✆】.

Base unit

1 【•⑴】
  ● When only 1 handset is registered, the base unit pages the handset automatically.

2 To page a specific handset, enter the handset number.
  To page all handsets, press 【**0**】.
  ● To stop paging, press 【•⑴】.
  ● When you page all handsets, only the handset user who answers first can take the intercom call.

3 When you finish talking, press 【🕩】.

Note:

● When more than 2 handsets are registered, the base unit pages all handsets a few seconds after pressing 【•⑴】 in step 1.

Answering an intercom call

Handset

1 Press 【�’】 to answer the page.

2 When you finish talking, press 【✆】.

Base unit

1 Press 【•⑴】 to answer the page.

2 When you finish talking, press 【🕩】.

Note for handset and base unit:

● Even when the ringer volume for outside calls is set to off (page 18, 23), the handset and/or base unit rings at a low level for intercom calls.

Transferring calls

Outside calls can be transferred between 2 handsets, or between the handset and base unit.

Handset

1 During an outside call, press 【**INT**】 to put the call on hold.

2 To page the base unit, press 【**0**】. To page a specific handset, enter the handset number.

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 complete the transfer, press 【✆】.

● The outside call is routed to the paged party.

Base unit

1 During an outside call, press **【•))】** to put the call on hold.

2 To page a specific handset, enter the handset number.
    To page all handsets, press **【0】**.
    ● When you page all handsets, only the handset user who answers first can take the transferred call.

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 **【⼚】**.
    ● The outside call is routed to the handset.

Transferring a call without speaking to the other unit's user

Handset

1 During an outside call, press **【INT】** to put the call on hold.
    ● ☎ flashes on the handset display to indicate the outside call is on hold.

2 To page the base unit, press **【0】**.
    To page a specific handset, enter the handset number.

3 **【✆】**
    ● The outside call rings at the paged party.

Base unit

1 During an outside call, press **【•))】** to put the call on hold.
    ● The in use indicator on the base unit flashes to indicate the outside call is on hold.

2 To page a specific handset, enter the handset number.
    To page all handsets, press **【0】**.

3 **【⼚】**
    ● The outside call rings at the handset.

Note for handset and base unit:
● If the paged party does not answer the call within 1 minute, the call rings at the paging party again.

Answering a transferred call

Handset

Press **【➘】** to answer the page.

Base unit

Press **【⼚】** to answer the page.

Note for handset and base unit:
● After the paging party disconnects, you can talk to the outside caller.

Conference calls

The handset and base unit, or 2 handsets can have a conference call with an outside party.
The following 2 methods are available:
– Another person presses **【➘】** on the handset or **【⼚】** on the base unit while one person is talking with an outside party ("Call share", page 19).
– One person pages another person during an outside call as follows.

Handset

1 During an outside call, press **【INT】** to put the call on hold.

2 To page the base unit, press **【0】**.
    To page a specific handset, enter the handset number.

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 establish a conference call, press **[3]**.
- To leave the conference, press **[✆☎]**. The other parties can continue the conversation.

Base unit
---

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

2 To page a specific handset, enter the handset number.
  To page all handsets, press **[0]**.
- When you page all handsets, only the handset user who answers first can take the transferred call.

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

4 To establish a conference call, press **[3]**.
- To leave the conference, press **[⊄]**. The other parties can continue the conversation.

Handset locator

You can locate a misplaced handset by paging it.

1 **Base unit:**
  Press **[•)))]** and wait for a few seconds.
- All registered handsets beep for 1 minute.

2 To stop paging:
  Base unit:
  Press **[•)))]**.
  Handset:

Press **[INT]**, then press **[✆☎]**.

Note:
- Even when the ringer volume for outside calls is set to off (page 23), the handset rings at a high level for paging.

40

Character entry

The dial keys are used to enter characters and numbers. Each dial key has multiple characters assigned to it. The available character entry modes are Alphabet (ABC), Numeric (0-9), Greek (ABΓ), Extended 1 (AÄÅ), Extended 2 (SŚŠ), and Cyrillic (AБB). When in these entry modes except Numeric, you can select which character is entered by pressing a dial key repeatedly.

– 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
Several character entry modes can be used when entering text. The characters that can be entered depend on the entry mode.

Characters available in each character entry mode
When the unit displays the character entry screen:
1/A/? (right soft key) → **【▾】/【▴】**: Select a character entry mode. → **OK**

Alphabet character table (ABC)

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

Numeric entry table (0-9)

⓪	①	⒜BC 2	DEF 3	GHI 4	JKL 5	MNO 6	PQRS 7	TUV 8	WXYZ 9
0	1	2	3	4	5	6	7	8	9

Greek character table (ABΓ)

⓪	①	⒜BC 2	DEF 3	GHI 4	JKL 5	MNO 6	PQRS 7	TUV 8	WXYZ 9
Space 0	Space # & ' ( ) ✳ , - . / 1	A B Γ 2	Δ E Z 3	H Θ I 4	K Λ M 5	N Ξ O 6	Π P Σ 7	T Y Φ 8	X Ψ Ω ϡ 9

Extended 1 character table (AÄÅ)

0	1	(ABC) 2	(DEF) 3	(GHI) 4	(JKL) 5	(MNO) 6	(PQRS) 7	(TUV) 8	(WXYZ) 9
Space 0	Space # & ' ( ) ∗ , - . / 1	A À Á Â Ã Ä Å Æ B C Ç 2	D E È É Ê Ë Ẽ F 3	G Ğ H I Ì Í Î Ï Ĩ Ì Ĭ 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 Ũ 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 ẽ f 3	g ğ h i ì í ï ĩ ı ĭ 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 ũ v 8	w Ŵ x y ŷ z 9

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

Extended 2 character table (SŚŠ)

0	1	(ABC) 2	(DEF) 3	(GHI) 4	(JKL) 5	(MNO) 6	(PQRS) 7	(TUV) 8	(WXYZ) 9
Space 0	Space # & ' ( ) ∗ , - . / 1	A Á Ä Ą B C Ć Č 2	D Ď E É Ę Ě F 3	G H I Í 4	J K L Ł Ĺ Ľ 5	M N Ń Ň O Ó Ö 6	P Q R Ŕ Ř S Ś Š 7	T Ť U Ú Û Ű ů V 8	W X Y ý Ý Z Ź Ż Ž 9
		a á ä Ą b c Ć Č 2	d ď e é Ę ě f 3	g h i í 4	j k l Ł Ĺ Ľ 5	m n Ń ň o ó ö 6	p q r Ŕ ř s Ś Š 7	t ť u ú ü ű ů v 8	w x y ý ý z Ź Ż Ž 9

- The following are used for both uppercase and lowercase:

Ą Ć Č Ę Ł Ĺ Ľ Ń Ŕ Ś Š ů ý Ź Ż Ž

Cyrillic character table (АБВ)

0	1	(ABC) 2	(DEF) 3	(GHI) 4	(JKL) 5	(MNO) 6	(PQRS) 7	(TUV) 8	(WXYZ) 9
Space 0 Ґ Є І ї ў	Space # & ' ( ) ∗ , - . / 1	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
`Answer Sys. Full`	• Erase unnecessary messages (page 32, 33).
`Check Tel Line`	• The supplied telephone line cord has not been connected yet or not connected properly. Check the connections (page 11).
`Error`	• Recording was too short. Try again.
`Failed`	• Phonebook copy failed (page 21). Confirm the other handset (the receiver) is in standby mode and try again.
`Incomplete`	• The receiver's phonebook memory is full. Erase the unnecessary phonebook entries from the other handset (the receiver) and try again.
`Memory Full`	• The phonebook memory is full. Erase unnecessary entries (page 20). • Message memory is full. Erase unnecessary messages (page 32, 33).
`No link to base. Reconnect AC adaptor.`	• 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 26).
`Use rechargeable battery.`	• A wrong type of batteries such as Alkaline or Manganese was inserted. Use only the rechargeable Ni-MH batteries noted on page 4, 12.
`You must first subscribe to Caller ID.`	• You must subscribe to a Caller ID service. Once you receive caller information after subscribing to a Caller ID service, this message will not be displayed.

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 unit does not work.	• Make sure the batteries are installed correctly (page 12). • Fully charge the batteries (page 13). • Check the connections (page 11). • 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 26).
I cannot hear a dial tone.	• The base unit's AC adaptor or telephone line cord is not connected. Check the connections. • If you are using a splitter to connect the unit, remove the splitter and connect the unit to the wall socket directly. If the unit operates properly, check the splitter. • 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.
I do not know how to erase ➔) (Missed call) from the display.	• There are unviewed missed calls remaining. View them and erase ➔) in the following way. **1** ▦ (middle soft key) **2** {∨}/{∧}: "Caller List" → OK **3** Press {∨} to search from the most recent call, or press {∧} to search from the oldest call.

44

Programmable settings

Problem	Cause/solution
I have changed the display language to a language I cannot read.	● Change the display language (page 15).
While programming, the handset starts to ring.	● A call is being received. Answer the call and start again after hanging up.
I cannot register a handset to a base unit.	● The maximum number of handsets (6) is already registered to the base unit. Cancel unused handset registrations from the base unit (page 27). ● You entered the wrong PIN. If you forget your PIN, contact your nearest Panasonic service centre. ● Place the handset and the base unit away from other electrical appliances.

Battery recharge

Problem	Cause/solution
The handset beeps and/or ▭ flashes.	● Battery charge is low. Fully charge the batteries (page 13).
I fully charged the batteries, but ▭ still flashes.	● Clean the charge contacts and charge again (page 13). ● It is time to replace the batteries (page 12).
I fully charged the batteries, but the operating time seems to be shorter.	● Clean the battery ends ($\oplus$, $\ominus$) and the charge contacts with a dry cloth, and charge again.
The handset display is blank.	● The handset is not turned on. Turn the power on (page 15).

Making/answering calls, intercom

Problem	Cause/solution
Ȳ is flashing.	● The handset is not registered to the base unit. Register it (page 26). ● 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. Re-position the base unit and use the handset away from sources of interference.
Noise is heard, sound cuts in and out.	● You are using the handset or base unit in an area with high electrical interference. Re-position the base unit and use the handset away from sources of interference. ● Move closer to the base unit. ● If you use a DSL/ADSL service, we recommend connecting a filter (contact your DSL/ADSL service provider) to the telephone line between the base unit and the telephone line socket. Contact your DSL/ADSL provider for details.
The handset does not ring.	● The ringer volume is turned off. Adjust ringer volume (page 23).
The base unit does not ring.	● The ringer volume is turned off. Adjust ringer volume (page 18).
I cannot make a call.	● The handset is too far from the base unit. Move closer and try again. ● Another unit is in use. Wait and try again later. ● Answering system is being used by another handset. Wait and try again later. ● The key lock feature is turned on. Turn it off (page 19). ● The unit is not designed to be used with rotary/pulse dialling services.

Caller ID

Problem	Cause/solution
Caller information is not displayed.	• You must subscribe to a Caller ID service. Contact your service provider/telephone company for details.
	• If your unit is connected to any additional telephone equipment, remove and plug the unit directly into the wall socket.
	• If you use a DSL/ADSL service, we recommend connecting a filter (contact your DSL/ADSL service provider) to the telephone line between the base unit and the telephone line socket. Contact your DSL/ADSL provider for details.
	• Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again.
Caller information is slow to display.	• Depending on your service provider/ telephone company, the unit may display the caller's information at 2nd ring or later.
	• Move closer to the base unit.
Time on the unit has shifted.	• Incorrect time information from incoming Caller ID changes the time. Set the time adjustment to off (page 25).

Answering system

Problem	Cause/solution
The unit does not record new messages.	• The answering system is turned off. Turn it on (page 30).
	• The message memory is full. Erase unnecessary messages (page 32).
	• The recording time is set to **"Greeting Only"**. Change the setting (page 35).
	• If you subscribe to the 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 34).
My own greeting message cannot be properly heard.	• Record your own greeting message again (page 31).

Problem	Cause/solution
I cannot operate the answering system.	• Someone is using the unit. Wait for the other user to finish. • A caller is leaving a message. Wait for the caller to finish. • The handset is too far from the base unit. Move closer.
I cannot operate the answering system remotely.	• 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 33). • Press each key firmly. • The answering system is turned off. Turn it on (page 34). • You are using a rotary/pulse telephone. Try again using a touch-tone phone.
While recording a greeting message or listening to messages, the unit rings and recording stops.	• A call is being received. Answer the call and try again later.

Liquid damage

Problem	Cause/solution
Liquid or other form of moisture has entered the handset/base unit.	• Disconnect the AC adaptor and telephone line cord from the base unit. Remove the batteries from the handset and leave to dry for at least 3 days. After the handset/base unit are completely dry, reconnect the AC adaptor and telephone line cord. Insert the batteries and charge fully before use. If the unit does not work properly, contact your nearest Panasonic service centre.

Caution:

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

Instructions to customer

Installation
Attached to this telephone is an approval label. This label is evidence that it is a "Permitted Attachment" which has been authorised to be connected to your telephone service.
Conditions relating to connection and operation of this Permitted Attachment are contained in Telecommunications General By-Law 220 (5).

You are authorised to install this Permitted Attachment yourself by plugging it into the line socket of any regular telephone. You may connect it in place of your existing telephone or to any spare telephone socket installed in your premises.

To disconnect your existing telephone you must first remove its plug from the line socket. You can then insert the plug of your Permitted Attachment into the socket and use your equipment.

If the plug of your existing telephone cannot be readily removed, you will have to remove the screw securing it. To do this proceed as follows:

1 Loosen screw "A" sufficiently to remove the socket cover. (See Fig. 1.)

2 Remove screw "B" and withdraw the plug. (See Fig. 2.)

3 Replace screw "B". (See Fig. 3.) Ensure that it screws completely into the socket recess. (If the screw is too long, increase the hole depth or replace the screw with one 5 mm shorter.)

4 Replace socket cover and tighten screw "A". (See Fig. 4.)

Fig. 1
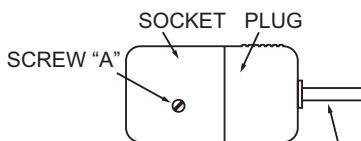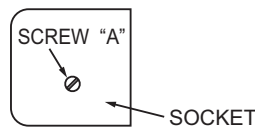
TELEPHONE CORD
(Connect to the PLUG as shown in Fig. 1.)
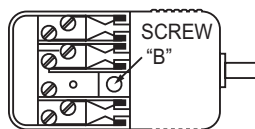
Fig. 2

Fig. 3

Fig. 4

If you are satisfied with the operation of your telephone service after plugging in your Permitted Attachment, your installation is completed.

You will be unable to connect this Permitted Attachment if your telephone service consists only of a wall phone or an old style telephone which is not connected by means of a modern plug and socket. In such cases a new socket will need to be installed.

Should the Permitted Attachment not operate when plugged into a socket, it is either faulty or unsuitable for operation with your telephone service. It should be returned to the store where purchased or to an Authorised Service Centre.

Service difficulties
If at any time a fault occurs on your telephone service carry out the following checks before you call for service:
- Disconnect the Permitted Attachment and try using the service with the normal telephone.
- If the telephone service then operates satisfactorily, the fault is in your Permitted Attachment. Leave the Permitted Attachment disconnected and report the fault to its supplier or agent to arrange for repair.
- If when using the telephone the service is still faulty, report the fault to "Service Difficulties and Faults" for attention.

You are required to keep this Permitted Attachment in good working order while it is connected to your telephone service. Its construction or internal circuit must not be modified in any way without permission.

Warning:
This cordless telephone system does not incorporate provision for secrecy of conversations. Appropriately tuned radio equipment and other cordless telephone systems in close proximity may be used by a third party to monitor and possibly interrupt conversations in progress when this system is on radio operation.

Specifications

■ **Standard:**
DECT 6.0 (Digital Enhanced Cordless Telecommunications 6.0) GAP (Generic Access Profile)

■ **Number of channels:**
120 Duplex Channels

■ **Frequency range:**
1.88 GHz to 1.90 GHz

■ **Duplex procedure:**
TDMA (Time Division Multiple Access)

■ **Channel spacing:**
1,728 kHz

■ **Bit rate:**
1,152 kbit/s

■ **Modulation:**
GFSK (Gaussian Frequency Shift Keying)

■ **RF transmission power:**
Approx. 10 mW (average power per channel)

■ **Voice coding:**
ADPCM 32 kbit/s

■ **Power source:**
220–240 V AC, 50/60 Hz

■ **Power consumption:**
Base unit:
Standby: Approx. 1.5 W
Maximum: Approx. 3.8 W
Charger[*1]:
Standby: Approx. 0.6 W
Maximum: Approx. 3.5 W

■ **Operating conditions:**
5 °C–40 °C, 20 %–80 % relative air humidity (dry)

■ **Dimensions:**
Base unit: Approx. 64 mm × 149 mm × 128 mm
Handset: Approx. 150 mm × 48 mm × 35 mm

Charger[*1]: Approx. 51 mm × 75 mm × 88 mm

■ **Mass (weight):**
Base unit: Approx. 270 g
Handset: Approx. 130 g
Charger[*1]: Approx. 60 g

*1 KX-TG7343

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

Index

Notes

Notes

Notes

For your future reference

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

Serial No.	Date of purchase

(found on the bottom of the base unit)

Name and address of dealer

Attach your purchase receipt here.

Customer Support Centre Tel. No.:
132600 or website www.panasonic.com.au

⚠ N52

TG7341 AL

PNQX1228ZA   CC0908DD0