Panasonic®

Operating Instructions

Expandable Digital Cordless Phone

Model No. **KX-TG9312C**

KX-TG9313C

Expandable Digital Cordless Answering System

Model No. **KX-TG9331C**

KX-TG9332C

KX-TG9333C

KX-TG9334C
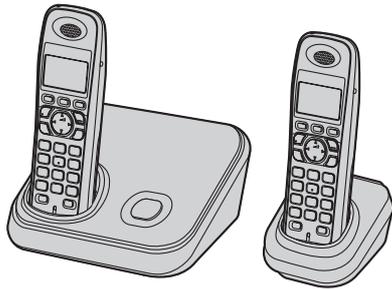
Model shown is KX-TG9312C.

DECT
6.0

This unit is compatible with Call Display. 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.
For assistance, please call **1-800-561-5505** or visit us at **www.panasonic.ca**

Table of Contents

Product information

Thank you for purchasing a Panasonic digital cordless phone.

Important:

● The suffix (C) in the following model numbers will be omitted in these instructions:
KX-TG9312C/KX-TG9313C/KX-TG9331C/KX-TG9332C/KX-TG9333C/
KX-TG9334C

Notable differences between the models

KX-TG9311 series

● Model shown is
KX-TG9313.

Model No.	Base unit	Handset	
	Part No.	**Part No.**	**Quantity**
KX-TG9312	KX-TG9311	KX-TGA931	2
KX-TG9313	KX-TG9311	KX-TGA931	3

KX-TG9331 series
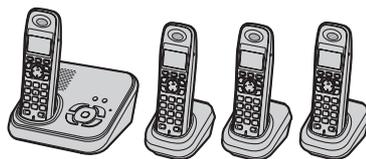
● Model shown is
KX-TG9334.

Model No.	Base unit	Handset	
	Part No.	**Part No.**	**Quantity**
KX-TG9331	KX-TG9331	KX-TGA931	1
KX-TG9332	KX-TG9331	KX-TGA931	2
KX-TG9333	KX-TG9331	KX-TGA931	3
KX-TG9334	KX-TG9331	KX-TGA931	4

Introduction

Feature differences

Model No.	Answering system	Intercom	
		☎ ⇔ 📱[*1]	📱 ⇔ 📱[*2]
KX-TG9312	–	–	●
KX-TG9313	–	–	●
KX-TG9331	●	●	●[*3]
KX-TG9332	●	●	●
KX-TG9333	●	●	●
KX-TG9334	●	●	●

*1 Intercom calls can be made between the handset and base unit.

*2 Intercom calls can be made between the handsets.

*3 Intercom calls can be made between the handsets by purchasing and registering one or more optional handsets (page 6).

Feature highlights

■ **Talking Call Display**[*1]
Allows the handset and base unit to announce the caller's name or phone number when a call is received (page 31).

■ **Block calls**
Allows the unit to reject calls from specified phone numbers that you do not want to answer such as junk calls (page 27).

■ **Night mode**
Allows you to select a span of time during which the handset will not ring for outside calls (page 27).

■ **Talking battery alert/Talking alarm clock**[*1]
Allows the handset to alert you if the battery is low (talking battery alert; page 14) and to alert you at the set time with a selected voice announcement such as "Good morning" as a wake-up greeting (talking alarm clock; page 28).

*1 KX-TG9331/KX-TG9332/KX-TG9333/KX-TG9334

Accessory information

Supplied accessories

No.	Accessory item/ Part number	Quantity			
		KX-TG9331	**KX-TG9312/ KX-TG9332**	**KX-TG9313/ KX-TG9333**	**KX-TG9334**
①	AC adaptor for base unit/ PQLV207	1	1	1	1
②	Telephone line cord	1	1	1	1
③	Wall mounting adaptor	1	1	1	1
④	Rechargeable batteries[*1]	2	4	6	8
⑤	Handset cover[*2]	1	2	3	4
⑥	Belt clip	1	2	3	4
⑦	Charger	–	1	2	3
⑧	AC adaptor for charger/ PQLV209	–	1	2	3

*1 See page 6 for replacement battery information.
*2 The handset cover comes attached to the handset.
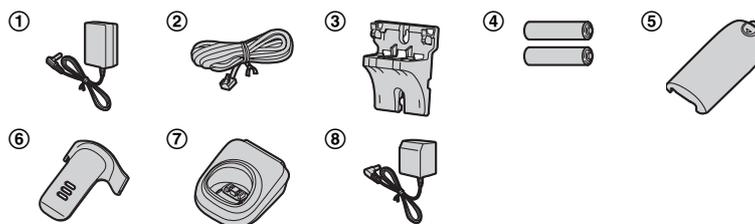
Introduction

Additional/replacement accessories

Please contact your nearest Panasonic dealer for sales information.

No.	Accessory item	Order number
①	Rechargeable batteries	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 (Order No. HHR-4MPA).
②	Headset	RP-TCA86, RP-TCA92, RP-TCA94,RP-TCA95

②

● Headset shown is RP-TCA86.

Expanding your phone system

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

Optional handset feature overview

The features of the following handsets depend on the base unit to which the handset is registered.

Feature	Model No.	
	KX-TGA631C	**KX-TGA930C**[*1]
Headset jack	●	●
Belt clip	●	●

*1 KX-TGA930C has the same feature as the supplied handset (KX-TGA931C: not available as an option) and their difference is the colour of dial keypad (black) only.

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For your safety

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

WARNING

Power connection

● Use only the power source marked on the product.
● Do not overload power outlets and extension cords. This can result in the risk of fire or electric shock.
● Completely insert the AC adaptor/power plug into the power outlet. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.
● Regularly remove any dust, etc. from the AC adaptor/power plug by pulling it from the power outlet, then wiping with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc. resulting in a fire.
● Unplug the product from power outlets if it emits smoke, an abnormal smell, or makes an unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped emitting and contact an authorized 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.

Operating safeguards

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

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 1.92 GHz to 1.93 GHz, and the RF transmission power is 115 mW (max.).)
● Do not use the product in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

CAUTION

Installation and relocation

● Never install telephone wiring during an electrical storm.
● Never install telephone line jacks in wet locations unless the jack is specifically designed for wet locations.

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Introduction

- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.
- This product is unable to make calls when:
  - the handset batteries need recharging or have failed.
  - there is a power failure.

Battery

- We recommend using the batteries noted on page 6. **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.

Important safety instructions

When using your product, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

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

SAVE THESE INSTRUCTIONS

For best performance

Base unit location/avoiding noise

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

- For maximum coverage and noise-free communications, place your base unit:
  - at a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.
  - away from electronic appliances such as TVs, radios, personal

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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 heaters, kitchen stoves, etc. It should not be placed in rooms where the temperature is less than 5 °C (41 °F) or greater than 40 °C (104 °F). Damp basements should also be avoided.

● The maximum calling distance may be shortened when the product is used in the following places: Near obstacles such as hills, tunnels, underground, near metal objects such as wire fences, etc.

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

Routine care

● **Wipe the outer surface of the product with a soft moist cloth.**

● Do not use benzine, thinner, or any abrasive powder.

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.

Preparation

Controls

Base unit

■ **KX-TG9312/KX-TG9313**
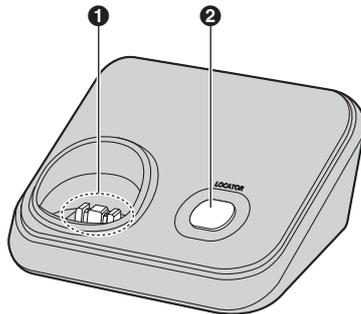
➊ **Charge contacts**
➋ **[LOCATOR]**

■ **KX-TG9331/KX-TG9332/ KX-TG9333/KX-TG9334**
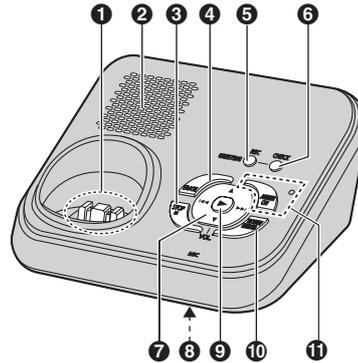
➊ **Charge contacts**
➋ **Speaker**
➌ **[■] (STOP)**
➍ **[ERASE]**
➎ **[GREETING REC] (Recording)**
➏ **[GREETING CHECK]**
➐ **[▲] (VOL.: Volume up)**
   [▼] (VOL.: Volume down)
   [I◄◄] (Repeat)
   [►►I] (Skip)
➑ **MIC (Microphone)**
➒ **[►] (Play)**
   Message indicator
➓ **[LOCATOR] [INTERCOM]**
⓫ **[ANSWER ON]**
   ANSWER ON indicator

Handset
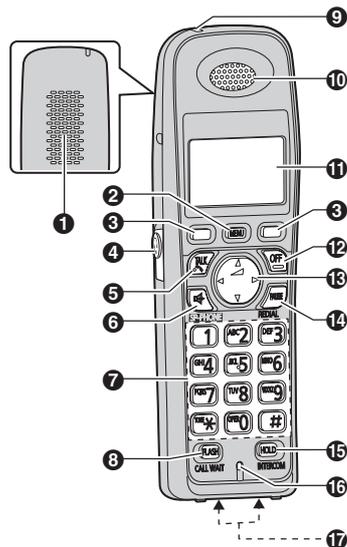
- ❶ **Speaker**
- ❷ **〖MENU〗**
- ❸ **Soft keys**
- ❹ **Headset jack**
- ❺ **〖➙〗 (TALK)**
- ❻ **〖⊄〗 (SP-PHONE: Speakerphone)**
- ❼ **Dial keypad**
  (〖✳〗: TONE)
- ❽ **〖FLASH〗〖CALL WAIT〗**
- ❾ **Charge indicator**
  Ringer indicator
  Message indicator
- ❿ **Receiver**
- ⓫ **Display**
- ⓬ **〖OFF〗**
- ⓭ **Navigator key (〖▲〗/〖▼〗/〖◄〗/〖►〗)**
  ⌇ (Volume: 〖▲〗/〖▼〗)
- ⓮ **〖PAUSE〗〖REDIAL〗**
- ⓯ **〖HOLD〗〖INTERCOM〗**
- ⓰ **Microphone**
- ⓱ **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.

Volume up
〖▲〗

〖◄〗   〖►〗

〖▼〗
Volume down
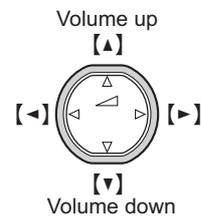
Soft keys

The handset features 2 soft keys. By pressing a soft key, you can select the feature shown directly above it on the display.
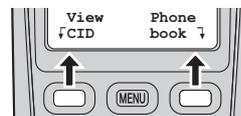
Display

Handset display items

Item	Meaning
▁▊▊▊	Battery level
[1]	Handset number
Line in use	Someone is using the line.

Preparation

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 jack (**❸**).

Base unit

● Use only the supplied Panasonic AC adaptor PQLV207.
● Use only the supplied telephone line cord. Using another telephone line cord may not allow the unit to work properly.

To single-line telephone jack (RJ11C)

(120 V AC, 60 Hz)

Hook
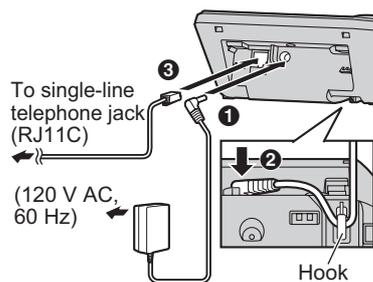
Charger

Available for:
KX-TG9312/KX-TG9313/
KX-TG9332/KX-TG9333/
KX-TG9334

● Use only the supplied Panasonic AC adaptor PQLV209.

Hooks
(120 V AC, 60 Hz)
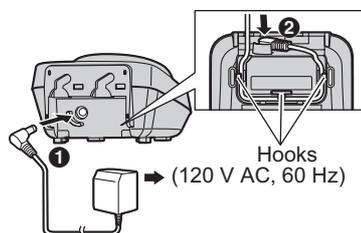
Note:
● The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
● The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.

During a power failure
The unit will not work during a power failure. We recommend connecting a corded-type telephone (without AC adaptor) to the same telephone line or to the same telephone line jack using a T-adaptor.

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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 jack in the event of the following:

– noise is heard during conversations.
– Call Display features do not function properly.

To single-line telephone jack (RJ11C)

DSL/ADSL filter
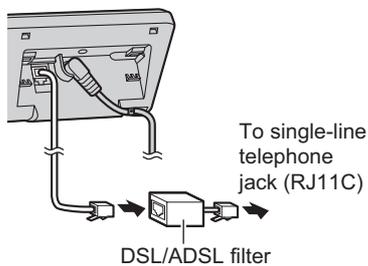
Battery installation and replacement

Important:

● Use the supplied rechargeable batteries (Part No. HHR-65AAABU).
● 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.
   – Ensure 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 6, 8.

1 Press the notch on the handset cover firmly, and slide it in the direction of the arrow.
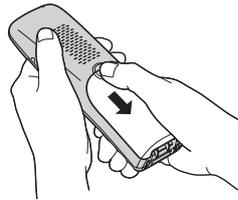
2 Insert the batteries negative ($\ominus$) end first. Close the handset cover.

Rechargeable Ni-MH ONLY
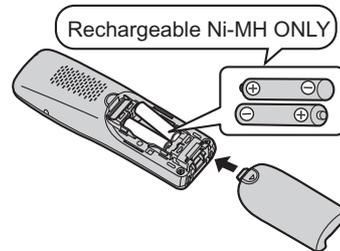
Note:

● When replacing batteries, remove the old batteries.

Attention:

RECYCLE
R B R C
Ni-MH
1.800.822.8837

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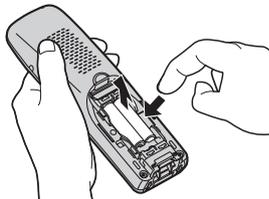
Preparation

A nickel metal hydride battery that is recyclable powers the product you have purchased.
Please call 1-800-8-BATTERY (1-800-822-8837) for information on how to recycle this battery.

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"** is displayed.

Base unit: **Charger**[*1]**:**

*1 KX-TG9312/KX-TG9313/
KX-TG9332/KX-TG9333/
KX-TG9334

Note:

● It is normal for the handset to feel warm during charging.
● If you want to use the handset immediately, charge the batteries for at least 15 minutes.
● Clean the charge contacts of the handset, base unit, and charger with a soft and dry cloth once a month. Clean

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

Battery level

Battery icon	Battery level
▭▯▯▯	High
▭▯▯	Medium
▭▯	Low ● When flashing: Needs to be charged.
▭	Empty
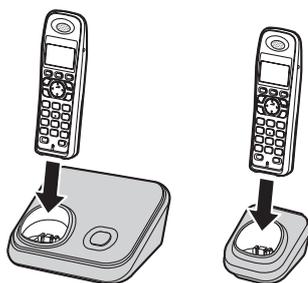
Note:

● **KX-TG9312/KX-TG9313**
The batteries need to be charged if the handset beeps while you are engaged in a call.

● **KX-TG9331/KX-TG9332/
KX-TG9333/KX-TG9334**
The batteries need to be charged if:
– the handset alerts you with a voice announcement **(talking battery alert)** after you finish talking/listening to a message.
– the handset beeps while you are engaged in a call or operating the answering system remotely.

Panasonic Ni-MH battery performance (supplied batteries)

Operation	Operating time
In continuous use	5 hours max.
Not in use (standby)	11 days max.
While using the clarity booster feature (page 19)	3 hours max.

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Note:
● 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.

Symbols used in these operating instructions

Symbol	Meaning
{ }	The words in the brackets indicate button names/soft key names on the handset and base unit. **Example:** Unit keys: {➘}, {**OFF**} Soft keys: {**View CID**}, {**Phonebook**}
→	Proceed to the next operation.
" "	The words in quotations indicate the menu on the display. **Example:** "**Alarm**"
{▼}/{▲}: " "	Press {▼} or {▲} to select the words in quotations. **Example:** {▼}/{▲}: "**Off**"

Setting up the unit before use

Display language
You can select either "**English**" or "**Français**" as the display language. The default setting is "**English**".
1 {**MENU**} → {♯}{1}{1}{0}
2 {▼}/{▲}: Select the desired setting.
3 Press the right soft key to save. → {**OFF**}

Voice guidance language

Available for:
KX-TG9331/KX-TG9332/ KX-TG9333/KX-TG9334

You can select either "**English**" or "**Français**" as the voice guidance language of the answering system. This setting also determines the voice announcement language of the talking alarm clock and talking battery alert. The default setting is "**English**".
1 {**MENU**} → {♯}{1}{1}{2}
2 {▼}/{▲}: Select the desired setting.
3 {**Save**} → {**OFF**}

Dialing mode
If you cannot make calls, change this setting according to your telephone line service. The default setting is "**Tone**".
"**Tone**": For tone dial service.
"**Pulse**": For rotary/pulse dial service.
1 {**MENU**} → {♯}{1}{2}{0}
2 {▼}/{▲}: Select the desired setting.
3 {**Save**} → {**OFF**}

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Preparation

Date and time

1 **[MENU]** → **[♯][1][0][1]**

2 Enter the current month, date, and year by selecting 2 digits for each.
Example: July 15, 2008
[0][7] [1][5] [0][8]

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

4 **[AM/PM]**: Select **"AM"** or **"PM"**.

5 **[Save]** → **[OFF]**

Note:

● When English is selected as the display language, 12-hour clock format is used. When French is selected, 24-hour clock format is used.

● 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.

Belt clip

You can hang the handset on your belt or pocket using the supplied belt clip.

To attach the belt clip
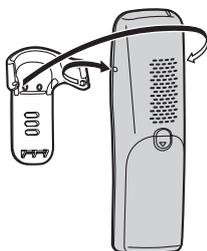
To remove the belt clip

Headset (optional)

Connecting a headset to the handset allows for hands-free conversations. We recommend using the Panasonic headset noted on page 6.

Switching a call between the headset and handset speakerphone
To switch to the handset speakerphone, press **[⊄]**.
To return to the headset, press **[✎]**.

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Making calls

1 Lift the handset and dial the phone number.
- To correct a digit, press **【Clear】**.

2 Press **【➤】** or **【Call】**.

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

Using the speakerphone

1 Dial the phone number, and press **【◄】**.
- Speak alternately with the other party.

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

Note:
- For best performance, use the speakerphone in a quiet environment.
- To switch back to the receiver, press **【➤】**.

Adjusting the receiver or speaker volume

Press **【▲】** or **【▼】** repeatedly while talking.

Making a call using the redial list

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

1 **【REDIAL】**

2 **【▼】/【▲】**: Select the desired phone number.

3 **【➤】**

Erasing a number in the redial list

1 **【REDIAL】**

2 **【▼】/【▲】**: Select the desired phone number.

3 **【Erase】** → **【Yes】** → **【OFF】**

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 "9" when making outside calls with a PBX:

1 **【9】** → **【PAUSE】**

2 Dial the phone number. → **【➤】**

Note:
- A 3.5 second pause is inserted each time **【PAUSE】** is pressed. Repeat as needed to create longer pauses.

Answering calls

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

1 Lift the handset and press **【➤】** or **【◄】** when the unit rings.
- You can also answer the call by pressing any dial key from **【0】** to **【9】**, **【*】**, or **【#】**. **(Any key answer feature)**

2 When you finish talking, press **【OFF】** or place the handset on the base unit or charger.

Auto talk

You can answer calls simply by lifting the handset off the base unit or charger. You do not need to press **【➤】**. To turn this feature on, see page 24.

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 24).

Temporary handset ringer off

While the handset is ringing for a call, you can turn the ringer off temporarily by pressing 【OFF】.

Adjusting the base unit ringer volume

Available for:
KX-TG9331/KX-TG9332/ KX-TG9333/KX-TG9334

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

● To turn the ringer off, press and hold 【▼】 until the unit beeps 2 times.

Useful features during a call

Hold

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

1 Press 【HOLD】 2 times during an outside call.

2 To release hold, press 【➐】.

● Another handset user can take the call by pressing 【➐】.

Note:

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

● If another phone is connected to the same line (page 12), you can also take the call by lifting its handset.

Mute

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

1 Press 【Mute】 during an outside call.

● 【Mute】 flashes.

2 To return to the conversation, press 【Mute】 again.

Note:

● 【Mute】 is a soft key visible on the handset display during a call.

Flash

【FLASH】 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 flash time, see page 25.

For call waiting or Visual Call Waiting service users

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

This feature allows you to receive calls while you are already talking on the phone. If you receive a call while on the phone, you will hear a call waiting tone.

If you subscribe to both Call Display and Visual Call Waiting services, the 2nd caller's information is displayed after you hear the call waiting tone on the handset.

1 Press 【CALL WAIT】 to answer the 2nd call.

2 To switch between calls, press **【CALL WAIT】**.

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

Temporary tone dialing (for rotary/pulse service users)

You can temporarily switch the dialing mode to tone when you need to access touch-tone services (for example, answering services, telephone banking services, etc.).
Press **【*】** (TONE) before entering access numbers which require tone dialing.

Handset clarity booster

This feature can improve sound clarity when the handset is used in an area where there may be interference. During an outside call, this feature is turned on automatically when necessary.
● When this feature is turned on, **"BOOST"** flashes.
● While this feature is turned on, the battery operating time is shortened (page 14).

Call share

This feature allows you to join an existing outside call.
To join the conversation, press **【➘】** when the other handset is on an outside call.

Note:
● The maximum number of participating parties depends on the model.
  KX-TG9312/KX-TG9313:
  – 3 parties (including 1 outside party)

KX-TG9331/KX-TG9332/
KX-TG9333/KX-TG9334:
– 4 parties (including 1 outside party)

Shared phonebook

The shared phonebook allows you to make calls without having to dial manually. Any handset registered to the base unit can use the shared phonebook. You can add 50 names and phone numbers to the shared phonebook.

Important:
● Only 1 person can access the shared phonebook at a time.

Adding entries

1 【Phonebook】

2 【Add】

3 Enter the party's name (16 characters max.). → 【Next】

4 Enter the party's phone number (32 digits max.). → 【Next】 → 【Save】
● To add other entries, repeat from step 2.

5 【OFF】

Note:
● Call Display subscribers can use ringer ID feature (page 32).

Character table for entering names

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

Key	Character
【＊】	＊
【♯】	#

● To enter another character that is located on the same dial key, first press 【►】 to move the cursor to the next space.

Correcting a mistake

Press 【◄】 or 【►】 to move the cursor to the character or number you want to erase, then press **【Clear】**. Enter the appropriate character or number.
● Press and hold **【Clear】** to erase all characters or numbers.

Finding and calling a phonebook entry

Scrolling through all entries

1 【Phonebook】 → 【Search】

2 【▼】/【▲】: Select the desired entry.

3 【☎】

Searching by first character (alphabetically)

1 【Phonebook】 → 【Search】

2 Press the dial key (【0】 – 【9】, 【＊】, or 【♯】) which contains the character you are searching for (page 20).
● 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 20). → **【Option】**

2 **【▼】/【▲】**: **"Edit"** → **【Select】**

3 Edit the name if necessary (16 characters max.; page 20). → **【Next】**

4 Edit the phone number if necessary (32 digits max.). → **【Next】** → **【Save】** → **【OFF】**

Erasing entries

1 Find the desired entry (page 20).

2 **【Erase】** → **【Yes】** → **【OFF】**

Chain dial

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

1 During an outside call, press **【MENU】**.
   ● Instead of pressing **【MENU】**, you can also press **【Ph.book】** if it is shown on the display.

2 **【▼】/【▲】**: Select the desired entry.

3 Press **【Call】** to dial the number.

Note:
● When storing a calling card access number and your PIN in the phonebook as one phonebook entry, press **【PAUSE】** to add pauses after the number and PIN as necessary (page 17).
● If you have rotary/pulse service, you need to press **【✱】** before pressing **【MENU】** in step 1 to change the dialing mode temporarily to tone.

Programming

Programmable settings

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

– scrolling through the display menus (page 22)

– using the direct commands (page 24)

● Mainly the direct command method is used in these operating instructions.

Programming by scrolling through the display menus

1 **[MENU]**

2 Press **[v]** or **[▲]** to select the desired main menu. → **[Select]**

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

4 Press **[v]** or **[▲]** to select the desired setting. → **[Save]**
   ● This step may vary depending on the feature being programmed.
   ● To exit the operation, press **[OFF]**.

Note:

● See page 24 for the default settings.

Main menu	Sub-menu 1	Sub-menu 2	Page
Message play (KX-TG9331/ KX-TG9332/ KX-TG9333/ KX-TG9334)	–	–	37
V.M. access	–	–	42
Block calls[*1]	–	–	27
Night mode	On/Off	–	28
	Start/End	–	28
Ringer setting	Ringer volume	–	–
	Ringer tone	–	–
Set date & time	Date and time[*1]	–	16
	Alarm	–	28
	Time adjustment[*1]	–	–
Talking CallerID (KX-TG9331/ KX-TG9332/ KX-TG9333/ KX-TG9334)	–	–	31

Main menu	Sub-menu 1	Sub-menu 2	Page
Customer support	–	–	29
Initial setting	Set answering (KX-TG9331/ KX-TG9332/ KX-TG9333/ KX-TG9334)	Ring count[*1]	39
		Recording time[*1]	39
		Remote code[*1]	38
	Voice Mail	Store VM access#[*1]	41
		VM tone detect[*1]	41
	Message alert	–	40
	LCD contrast	–	–
	Key tone	–	–
	Auto talk	–	17
	Set tel line	Set dial mode[*1]	15
		Set flash time[*1]	18
		Set line mode[*1]	–
		C.WTG options[*1]	32
	Set base unit (KX-TG9331/ KX-TG9332/ KX-TG9333/ KX-TG9334)	Talking CallerID[*1]	31
	Registration	HS registration	29
		Deregistration	30
	Change language	Display	15
		Voice prompt[*1] (KX-TG9331/ KX-TG9332/ KX-TG9333/ KX-TG9334)	15

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

Programming

Programming using the direct commands

1 【MENU】 → 【♯】

2 Enter the desired feature code.

3 Enter the desired setting code. → 【Save】
   ● This step may vary depending on the feature being programmed.
   ● To exit the operation, press 【OFF】.

Note:
● In the following table, < > indicates the default settings.

Feature	Feature code	Setting code	System setting[*1]	Page
`Alarm`	【7】【2】【0】	【1】: `Once` 【2】: `Daily` 【0】: `<Off>`	–	28
`Auto talk`[*2]	【2】【0】【0】	【1】: `On` 【0】: `<Off>`	–	17
`Block calls`	【2】【1】【7】	–	●	27
`Customer support`	【6】【8】【0】	–	–	29
`C.WTG options` (Call Waiting options)	【2】【1】【5】	【1】: `On` 【0】: `<Off>`	●	32
`Date and time`	【1】【0】【1】	–	●	16
`Deregistration`	【1】【3】【1】	–	–	30
`Display` (Change language)	【1】【1】【0】	【1】: `<English>` 【2】: `Français`	–	15
`HS registration` (Handset registration)	【1】【3】【0】	–	–	29
`Key tone`[*3]	【1】【6】【5】	【1】: `<On>` 【0】: `Off`	–	–
`LCD contrast` (Display contrast)	【1】【4】【5】	【1】–【6】: Level 1–6 <3>	–	–
`Message alert`	【3】【4】【0】	【1】: `<On>` 【0】: `Off`	–	40
`Night mode` (On/Off)	【2】【3】【8】	【1】: `On` 【0】: `<Off>`	–	28
`Night mode` (Start/End)	【2】【3】【7】	`<11:00 PM/06:00 AM>`	–	28
`Ringer tone`[*4, *5] (Handset)	【1】【6】【1】	【1】–【3】: `Tone <1>–3` 【4】–【7】: `Melody 1–4`	–	–
`Ringer volume` (Handset)	【1】【6】【0】	【1】: Low 【2】: Medium 【3】: <High> 【0】: Off	–	–
`Set dial mode`	【1】【2】【0】	【1】: `Pulse` 【2】: `<Tone>`	●	15

24

Feature	Feature code	Setting code	System setting[*1]	Page
Set flash time[*6]	[1][2][1]	[1]: <700ms> [2]: 600ms [3]: 400ms [4]: 300ms [5]: 250ms [6]: 110ms [7]: 100ms [8]: 90ms	●	18
Set line mode[*7]	[1][2][2]	[1]: A [2]: <B>	●	–
Store VM access#	[3][3][1]	–	●	41
Time adjustment[*8] (Call Display subscribers only)	[2][2][6]	[1]: <Caller ID [auto]> [0]: Manual	●	–
V.M. access	[3][3][0]	–	–	42
VM tone detect	[3][3][2]	[1]: <On> [0]: Off	●	41

For the Talking Call Display/answering system (KX-TG9331/KX-TG9332/ KX-TG9333/KX-TG9334)

Feature	Feature code	Setting code	System setting[*1]	Page
Message play	[3][0][0]	–	–	37
Recording time	[3][0][5]	[1]: 1min [2]: 2min [3]: <3min> [0]: Greeting only	●	39
Remote code	[3][0][6]	<111>	●	38
Ring count	[2][1][1]	[2]–[7]: 2–7 rings <4> [0]: Toll saver	●	39
Talking CallerID (Handset)	[1][6][2]	[1]: <On> [0]: Off	–	31
Talking CallerID (Base unit)	[✱][1][6][2]	[1]: <On> [0]: Off	●	31
Voice prompt (Change language)	[1][1][2]	[1]: <English> [2]: Français	●	15

*1 If "System setting" column is checked, you do not need to program the same item using another handset.

*2 If you subscribe to Call Display service and want to view the caller's information after lifting up the handset to answer a call, turn off this feature.

*3 Turn this feature off if you prefer not to hear key tones while you are dialing or pressing any keys, including confirmation tones and error tones.
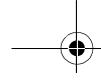
Programming

*4 If you subscribe to a distinctive ring service, select a tone (tone 1 to 3). If you select a melody, you cannot distinguish lines by their ringers.

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

*6 The flash time depends on your telephone exchange or host PBX. Contact your PBX supplier if necessary.

*7 Generally, the line mode setting should not be adjusted. If **"Line in use"** is not displayed when another phone connected to the same line is in use, you need to change the line mode to **"A"**.

*8 This feature allows the unit to automatically adjust the date and time setting when caller information is received. To use this feature, set the date and time first.
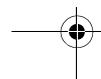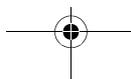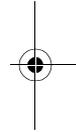
Special instructions for programmable settings

Block calls (Call Display subscribers only)

This feature allows the unit to reject calls from specified phone numbers that you do not want to answer such as junk calls. You can store up to 20 phone numbers in the block call list by using the caller list or by entering the numbers directly.
When a call is received, the unit rings for a short time while identifying the caller. If the phone number matches an entry in the block call list, the unit sends out a busy tone to the caller, then disconnects the call.

Important:

- You must store the phone number with an area code (10 digits) in the block call list.
- When the unit receives a call from a number that is stored in the block call list:
  - after the unit rings for a short time, **"Caller blocked"** will be displayed and the number will not be displayed.
  - when the call is disconnected, the number is logged in the caller list (page 33) with ⊠.

Storing unwanted callers from the caller list

1 【View CID】

2 【▼】/【▲】: Select the item to be blocked. → 【Select】
  - To edit the number, press 【Edit】 repeatedly until the phone

number is shown in the 10-digit format.

3 【Save】

4 【▼】/【▲】: "Block calls" → 【Select】

5 【Yes】 → 【OFF】

Storing unwanted callers by entering phone numbers

1 【MENU】 → 【♯】【2】【1】【7】 → 【Add】

2 Enter the phone number (32 digits max.).
  - To erase a digit, press 【Clear】.

3 【Save】 → 【OFF】

Viewing/editing/erasing block call numbers

1 【MENU】 → 【♯】【2】【1】【7】

2 【▼】/【▲】: Select the desired item.
  - To exit, press 【OFF】.

3 Proceed with the desired operation.
  - ■ **Editing a number:** 【Edit】 → Edit the phone number. → 【Save】 → 【OFF】
  - ■ **Erasing a number:** 【Erase】 → 【Yes】 → 【OFF】

Note:

- When editing, press the desired dial key to add, 【Clear】 to erase.

Night mode

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

Important:

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

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Programming

- We recommend turning the base unit ringer off (page 18) and call screening off (page 35) in addition to turning the night mode on. (KX-TG9331/ KX-TG9332/KX-TG9333/ KX-TG9334)
- If you have set the alarm, the alarm sounds even if the night mode is turned on.

Setting the start and end time

1 **[MENU]** → **[♯][2][3][7]**

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

3 **[AM/PM]**: Select **"AM"** or **"PM"**. → **[▼]**

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

5 **[AM/PM]**: Select **"AM"** or **"PM"**.

6 **[Save]** → **[OFF]**

Note:
- To correct a digit, press **[▲]**, **[▼]**, **[◄]**, or **[►]** to move the cursor to the digit, then make the correction.

Turning night mode on/off

1 **[MENU]** → **[♯][2][3][8]**

2 **[▼]/[▲]**: Select **"On"** or **"Off"**. → **[Save]** → **[OFF]**

Note:
- When the night mode is turned on, **"Night mode"** is displayed during the selected period.

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 1 minute.
The following alarm sounds are available:

■ **KX-TG9312/KX-TG9313**
You can choose an alarm sound from 3 tones and 4 melodies.

■ **KX-TG9331/KX-TG9332/ KX-TG9333/KX-TG9334**

– **"Tone & Melody"**: You can choose an alarm sound from 3 tones and 4 melodies.
– **"Voice"**: You can choose one of the 7 pre-recorded announcements:
  – "Good morning"
  – "It's time for dinner"
  – "It's time for lunch"
  – "It's time for the game"
  – "It's time for your meeting"
  – "It's time to pick up the children"
  – "Happy birthday"
  The unit makes the selected announcement at the set time **(talking alarm clock)**.

Important:
- Set the date and time beforehand (page 16).

1 **[MENU]** → **[♯][7][2][0]**

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

Off	Turns alarm off. Go to step 6.
Once	An alarm sounds once at the set time. Enter the desired month, date, and year.
Daily	An alarm sounds daily at the set time.

3 Set the desired time. → **[OK]**
- For KX-TG9312/KX-TG9313 user: Skip to step 5.

4 **[▼]/[▲]**: Select **"Tone & Melody"** or **"Voice"**. → **[Select]**

5 **[▼]/[▲]**: Select the desired item. → **[Save]**

● If you set a tone or melody, we recommend selecting a different one for outside calls.

6 【OFF】

Note:
● 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 the talking alarm clock is set at the same time for two or more handsets, the first handset makes the announcement, while the other handsets only sound the tone.
● If the other unit is in use at the set time, the handsets sound the tone instead of the selected announcement.
● If you select **"Once"**, the setting changes to **"Off"** after the alarm sounds.
● When the ringer volume for outside calls is set to off (page 24), the alarm sound is heard at a low level.

Customer support

The handset can display the Internet address where you can download the operating instructions or get further information for this product by using your computer.

1 【MENU】 → 【♯】【6】【8】【0】

2 【OFF】

Registering a unit

Operating additional handsets

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

Important:
● See page 6 for information on the available model.

Registering a handset to a base unit

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

1 **Handset:**
   【MENU】 → 【♯】【1】【3】【0】

2 **Base unit:**
   ■ **KX-TG9312/KX-TG9313**
      Press and hold 【LOCATOR】 for 4 seconds. (No registration tone)
   ■ **KX-TG9331/KX-TG9332/ KX-TG9333/KX-TG9334**
      Press and hold 【LOCATOR】 for 4 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 should be completed within 90 seconds.

3 **Handset:**
   Press 【OK】, then wait until a long beep sounds.

4 【OFF】

Programming

Note:

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

Deregistering a handset

A handset can cancel its own registration (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 **[MENU]** → **[♯][1][3][1]**

2 **[3][3][5]** → **[OK]**

3 Select the handset you want to cancel by pressing the desired handset number.

Using Call Display service

Important:

● This unit is Call Display compatible. To use Call Display features, you must subscribe to Call Display service. Contact your service provider/telephone company for details.

Call Display features

When an outside call is being received, the name and phone number are 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:

– **"Unavailable Name & No."**/**"Unavailable"**[*1]: The caller dialed from an area which does not provide Call Display service.

– **"Private caller"**: The caller requested not to send caller information.

– **"Long distance"**: The caller made a long distance call.

● If the unit is connected to a PBX system, caller information may not be received properly. Contact your PBX supplier.

*1 Shown while viewing the caller list.

Missed calls

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

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.

Talking Call Display

Available for:
KX-TG9331/KX-TG9332/
KX-TG9333/KX-TG9334

This feature lets you know who is calling without looking at the display.

To use this feature, you must:

– subscribe to Call Display service of your service provider/telephone company.

– turn this feature on (page 25).

When caller information is received, the handsets and base unit announce the caller's name or phone number received from your service provider/telephone company following every ring.

● Name pronunciation may vary. This feature may not pronounce all names correctly.

● Call Display service has a limit of how many characters can be displayed. If the caller's name is too long, the handset may not be able to display or announce the entire name.

● The announcement is heard at the same level as the ringer volume (page 18, 24).

● If you turn on the answering system and set the number of rings **"2"** (page 39), the unit does not announce the caller information. If **"Toll saver"** is selected and there is a new message, the unit does not announce the caller information.

● When you receive a call while on the phone, the 2nd caller's name is not

announced even if you subscribe to both Call Display and Visual Call Waiting Call Display services.

Phonebook name announcement

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

Ringer ID

This feature can help you identify who is calling by using different ringers for different callers stored in the phonebook. You can assign a different ringer to each phonebook entry. When a call is received from a caller stored in the phonebook, the assigned ringer rings after the caller information is displayed. If you select **"No Ringer ID"** (default), the handset uses the ringer tone you selected on page 24 when a call is received from that caller.

1 Find the desired item (page 20). → **【Option】**

2 【▼】/【▲】: **"Ringer ID"** → **【Select】**

3 【▼】/【▲】: Select the desired setting.

4 【Save】 → 【OFF】

Note:

● When you assign the ringer ID to an entry in the shared phonebook using one handset, it is applied for all handsets.

For Call Waiting Deluxe service users

To use Call Waiting Deluxe, you must subscribe to Call Waiting Deluxe service of your service provider/telephone company.

This feature not only allows your handset to display the 2nd caller's information, but also offers you a variety of ways to deal with the 2nd call.

Important:

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

● This feature must be turned on before it can be used.

To turn Call Waiting Deluxe on/off

To use Call Waiting Deluxe, you must turn this feature on. The default setting is **"Off"**.

1 【MENU】 → 【♯】【2】【1】【5】

2 【▼】/【▲】: Select the desired setting.

3 【Save】 → 【OFF】

Call Waiting Deluxe service options

When a 2nd call is received, you can choose how to handle the call by selecting an option shown on the handset display.

Note:

● Your service provider/telephone company may not offer all of the options (page 32).

Displayed option	Function
Answer	Answers the waiting call, while keeping the 1st call on hold.
Hold	Holds the waiting call. The caller will hear the pre-recorded hold message played by your service provider/telephone company.

Displayed option	Function
Announcement	The caller will hear the pre-recorded busy message played by your service provider/telephone company (for example, "We are not available now.") and will then be disconnected.
Forward	Forwards the waiting call to the Voice Mail service provided by your service provider/telephone company. You must subscribe to Voice Mail service to use this function.
Drop	Disconnects (drops) the current call and answers the waiting call.
Conference	Answers the waiting call and combines it with the current call to make a conference call (3-party call).
Return	Returns to the waiting caller while keeping the current call on hold.

Displayed option	Function
Drop caller1	Disconnects (drops) the 1st call during a conference call.
Drop caller2	Disconnects (drops) the 2nd call during a conference call.

To use Call Waiting Deluxe service

1 When you hear a Call Waiting tone during an outside call, press **{FLASH}**.
- The option menu is displayed.

2 **{▼}/{▲}**: Select the desired option. → **{Select}**
- After selecting **"Answer"**, **"Hold"**, or **"Conference"**, you can select another option. → **{FLASH}** → **{▼}/{▲}**: Select the desired option. → **{Select}**

Note:
- To exit from the option menu, wait for 20 seconds.

Caller list

Important:
- Only 1 person can access the caller list at a time.

Viewing the caller list and calling back

1 **{View CID}**

2 Press **{▼}** to search from the most recent call, or **{▲}** to search from the oldest call.

Call Display Service

3 To call back, press 【✆】.
To exit, press **【OFF】**.

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

You can edit a phone number in the caller list by adding the long distance code "1" or removing its area code.

1 **【View CID】**

2 【▼】/【▲】: Select the desired entry. → **【Select】**

3 Press **【Edit】** repeatedly until the phone number is shown in the desired format.

  ① 1 – Area code – Local phone number
    Example:

    ┌─────────────────────┐
    │ 1-555-321-5555 │
    └─────────────────────┘

  ② Local phone number
    Example:

    ┌─────────────────────┐
    │ 321-5555 │
    └─────────────────────┘

  ③ Area code – Local phone number
    Example:

    ┌─────────────────────┐
    │ 555-321-5555 │
    └─────────────────────┘

4 【✆】

Note:

● The number edited in step 3 will not be saved in the caller list.

Erasing selected caller information

1 **【View CID】**

2 【▼】/【▲】: Select the desired entry.

3 **【Erase】** → **【Yes】** → **【OFF】**

Erasing all caller information

1 **【View CID】**

2 **【All erase】** → **【Yes】**

Storing caller information into the phonebook

1 **【View CID】**

2 【▼】/【▲】: Select the desired entry. → **【Select】**

  ● To edit the number, press **【Edit】** repeatedly until the phone number is shown in the desired format.

3 **【Save】**

4 【▼】/【▲】: **"Phonebook"** → **【Select】**

  ● If there is name information for the caller, go to step 6.

5 Enter the name (16 characters max.; page 20). → **【Next】** → **【Save】**

6 **【OFF】**

Answering system

Available for:
KX-TG9331/KX-TG9332/
KX-TG9333/KX-TG9334

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 39).

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 correctly set (page 16).

Memory capacity

The total recording capacity (including your greeting message) is about 16 minutes. A maximum of 64 messages can be recorded.

Note:
● If message memory becomes full, the ANSWER ON indicator on the base unit flashes rapidly.
● 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

Press **[ANSWER ON]** to turn on/off the answering system.
● When the answering system is turned on, the ANSWER ON indicator lights up.

Call screening

While a caller is leaving a message, you can listen to the call through the base unit's speaker. To adjust the speaker volume, press **[▲]** or **[▼]** repeatedly. You can answer the call by pressing **[➚]** on the handset.

Turning off the call screening feature
When the base unit is not in use, press **[GREETING CHECK]**, then press and hold **[▼]** until the base unit beeps.
OR
While screening a call, press and hold **[▼]** until the sound goes off.
Note:
● If you adjust the speaker volume while listening to messages or talking on the intercom, the speaker volume for call screening is turned on again.

Greeting message

When the unit answers a call, callers are greeted by 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 max.).

1 【GREETING REC】

2 Within 10 seconds, press 【GREETING REC】 again.

3 After the base unit beeps, speak clearly about 20 cm (8 inches) away from the MIC.

4 Press 【■】 (STOP) to stop recording.

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 messages. If the message recording time (page 39) 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

Press 【GREETING CHECK】.

Erasing your greeting message

If you erase your own greeting message, the unit plays a pre-recorded greeting message for callers.
Press 【GREETING CHECK】, and then press 【ERASE】 while your greeting message is playing.

Listening to messages using the base unit

When new messages have been recorded, the message indicator on the base unit flashes.
Press 【►】.

● If new messages have been recorded, the base unit plays back new messages.

● If there are no new messages, the base unit plays back all messages.

Operating the answering system

Key	Operation
【▲】 or 【▼】	Adjust the speaker volume
【I◄◄】	Repeat message (during playback)[*1]
【►►I】	Skip message (during playback)
【■】 (STOP)	Pause message – To resume playback, press 【►】. – To stop playback completely, press 【■】 (STOP) again.
【ERASE】	Erase currently playing message

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

Erasing all messages

Press 【ERASE】 2 times while the unit is not being used.

Listening to messages using the handset

When new messages have been recorded:
– **"New message"** is displayed.
– The message indicator on the handset flashes slowly if the message alert feature is turned on (page 40).

1 **[MENU]**
2 **[▼]/[▲]**: **"Message play"** → **[Select]**
 ● If new messages have been recorded, the handset plays back new messages.
 ● If there are no new messages, the handset plays back all messages.
3 When finished, press **[OFF]**.

Note:
● To switch to the receiver, press **[➘]**.

Operating the answering system

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

Key	Operation
[▲] or **[▼]**	Adjust the receiver/speaker volume
[1] or **[◄]**	Repeat message (during playback)[*1]
[2] or **[►]**	Skip message (during playback)
[4]	Play new messages
[5]	Play all messages
[8]	Turn answering system on
[9]	Stop playback[*2]

Key	Operation
[0]	Turn answering system off
[✱][4] or **[Erase]**	Erase currently playing message
[✱][5]	Erase all messages

*1 If pressed within the first 5 seconds of a message, the previous message is played.
*2 To resume operation, press a command key within 15 seconds, or the voice guidance will start.

Voice guidance

If you do not press any dial keys after the last message is played back, the handset's voice guidance starts. Operate the answering system by following the guidance as necessary.

Calling back (Call Display subscribers only)

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

1 Press **[Select]** during playback.
 ● To edit the number before calling back, press **[Edit]** repeatedly until the phone number is shown in the desired format (page 34).
2 **[Call]**

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

37

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 unauthorized parties from listening to your messages remotely. The default setting is **"111"**.

1 {MENU} → {♯}{3}{0}{6}

2 Enter the desired 3-digit remote access code. → {Save} → {OFF}

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 plays back new messages.

3 Follow the voice guidance prompts as necessary or control the unit using remote commands (page 38).

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. Operations are presented by voice guidance in the following order:
– Play back all messages
– Play back new messages
– Record a message
– Erase all messages

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

Remote commands

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

Key	Operation
{1}	Repeat message (during playback)[*1]
{2}	Skip message (during playback)
{4}	Play new messages
{5}	Play all messages
{9}	Stop playback[*2]
{0}	Turn answering system off
{✳}{4}	Erase currently playing message
{✳}{5}	Erase all messages

*1 If pressed within the first 5 seconds of a message, the previous message is played.
*2 To resume operation, enter a remote command within 15 seconds, or the voice guidance starts.

Turning on the answering system remotely

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

1 Dial your phone number.

2 Let the phone ring 15 times.
 ● The greeting message is played back.
 ● You can either hang up, or from a touch-tone phone you can enter

your remote access code and begin remote operation (page 37).

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 calls

You can change the number of times the phone rings **"Ring count"** before the unit answers calls. You can select 2 to 7 rings, or **"Toll saver"**.
The default setting is **"4"**.
"Toll saver": The unit's answering system answers at the end of the 2nd ring when new messages have been recorded, or at the end of the 4th ring when there are no new messages. If you call your phone from outside to listen to new messages (page 37), you will know that there are no new messages when the phone rings for the 3rd time. You can then hang up without being charged for the call.

1 **[MENU]** → **[**♯**][2][1][1]**

2 **[**▼**]/[**▲**]**: Select the desired setting. → **[Save]** → **[OFF]**

For voice mail service subscribers

If you subscribe to a flat-rate service package that includes Call Display, call waiting, voice mail, and unlimited

local/regional/long distance calls, please note the following:

● 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 35).
● To use this unit's answering system rather than the voice mail service provided by your service provider/ telephone company, please contact your service provider/telephone company to deactivate your voice mail service.

If your service provider/telephone company cannot do this:

– Set this unit's **"Ring count"** setting so that this unit's answering system answers calls before the voice mail service of your service provider/telephone company does. It is necessary to check the number of rings required to activate the voice mail service provided by your service provider/telephone company before changing this setting.
– Change the number of rings of the voice mail service so that the answering system can answer the call first. To do so, contact your service provider/telephone company.

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 **"3min"**.

1 **[MENU]** → **[**♯**][3][0][5]**

2 **[**▼**]/[**▲**]**: Select the desired setting. → **[Save]** → **[OFF]**

Note:

● If you want to select **"Greeting only"**, follow the steps above and press **[0]** in step 2. You may create your own greeting-only message by following the steps on page 36.
The unit plays the pre-recorded greeting-only message asking callers to call again if your own greeting-only message is not recorded.

Message alert

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

Important:

● The message indicator will also flash slowly if there are new-recorded voice mail messages (page 42).

1 **[MENU]** → **[♯][3][4][0]**

2 **[▼]/[▲]**: Select the desired setting.
→ **[Save]** → **[OFF]**

Note:

● While message alert is on, battery operating time is shortened (page 14).

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

Important:

● To use the voice mail service provided by your service provider/telephone company rather than the unit's answering system, turn off the answering system (page 35). For details, see page 39. (KX-TG9331/KX-TG9332/KX-TG9333/KX-TG9334)

Storing the voice mail (VM) access number

In order to listen to your voice mail messages, you must dial your service provider/telephone company's voice mail access number. Once you have stored your voice mail access number, you can dial it automatically (page 42).

1 **[MENU]** → **[♯][3][3][1]**

2 Enter your access number (32 digits max.). → **[Save]** → **[OFF]**

Note:

● When storing your voice mail access number and your mailbox password, press **[PAUSE]** to add pauses (page 17) between the access number and the password as necessary. Contact your service provider/telephone company for the required pause time.

Example:

<u>1-222-333-4444</u>   <u>PPPP</u>   <u>8888</u>
VM access   Pauses Password
number

To erase the voice mail access number

1 **[MENU]** → **[♯][3][3][1]**

2 Press and hold **[Clear]** until all digits are erased. → **[Save]** → **[OFF]**

Voice mail (VM) tone detection

Your service provider/telephone company sends special signals (sometimes called "voice mail tones" or "stutter tones") to the unit to let you know you have new voice mail messages. If you hear a series of dial tones followed by a continuous dial tone after you press **[🔽]**, you have new voice mail messages. Minutes after you hang up a call or after the phone stops ringing, your unit checks the phone line to see if new voice mail messages have been recorded.

Turn this feature off when:

– You do not subscribe to voice mail service.
– Your service provider/telephone company does not send voice mail tones.
– Your phone is connected to a PBX.

If you are not sure which setting is required, contact your service provider/telephone company.

Turning VM tone detection on/off

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

1 **[MENU]** $\rightarrow$ **[♯][3][3][2]**

2 **[▼]**/**[▲]**: Select the desired setting.
$\rightarrow$ **[Save]** $\rightarrow$ **[OFF]**

Listening to voice mail messages

The unit lets you know that you have new voice mail messages in the following ways:

– **"New Voice Mail"** is displayed on the handset.

– The message indicator on the handset flashes slowly if message alert feature is turned on ("Message alert"; page 40).

1 Press **[🕿]**, then press **[VM]** within 15 seconds.
OR
[MENU] $\rightarrow$ **[♯][3][3][0]**

● The speakerphone turns on.

2 Follow the pre-recorded instructions.

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

Note:

● If **[VM]** is not displayed, the voice mail access number has not been stored. Store the number (page 41).

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

● If your voice mail service uses voice mail tones and a message is over 3 minutes long, the handset may not indicate new messages.

● If your voice mail service uses voice mail tones, the tones are heard from any phone connected to the same line. If you want to use another phone to listen to voice mail messages, you have to dial your access number manually.

Intercom

Intercom calls can be made:

– between handsets.

– between the handset and base unit.
  (KX-TG9331/KX-TG9332/
  KX-TG9333/KX-TG9334)

Note:

● If you receive an outside call while talking on the intercom, you hear 2 tones.

  To answer the call with the handset, press **【OFF】**, then press **【➤】**.

● When paging unit(s) for an intercom call, the paged unit(s) beeps for 1 minute.

Making an intercom call

Handset

1 **【INTERCOM】**

2 **【▼】/【▲】**: Select the desired unit. →
  【Select】

  ● To stop paging, press **【OFF】**.

3 When you finish talking, press
  【OFF】.

Base unit

■ **KX-TG9331/KX-TG9332/
  KX-TG9333/KX-TG9334**

1 **【INTERCOM】**

  ● All registered handsets beep.

  ● To stop paging, press
    【INTERCOM】.

2 When you finish talking, press
  【INTERCOM】.

Answering an intercom call

Handset

1 Press **【➤】** to answer the page.

2 When you finish talking, press
  【OFF】.

Base unit

■ **KX-TG9331/KX-TG9332/
  KX-TG9333/KX-TG9334**

1 Press **【INTERCOM】** to answer the
  page.

2 When you finish talking, press
  【INTERCOM】.

Note:

● When the ringer volume for outside calls is set to off (page 18, 24), the handset and/or base unit rings at a low level for intercom calls.

Transferring calls, conference calls

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

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

2 **【▼】/【▲】**: Select the desired unit. →
  【Transfer】

3 Wait for the paged party to answer.

  ● If the paged party does not answer, press **【➤】** to return to the outside call.

4 **To complete the transfer:**
  Press **【OFF】**.

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

  To establish a conference call:
  Press **【Conf】**.

  ● To leave the conference, press **【OFF】**. The other parties can continue the conversation.

● To put the outside call on hold, press **[HOLD]**. To resume the conference, press **[Conf]**.

Answering a transferred call

Press **[✆]** to answer the page.

Note:

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

Handset locator

You can locate a misplaced handset by paging it.

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

2 To stop paging:
   Base unit:
   Press **[LOCATOR]**.
   Handset:
   ■ **KX-TG9312/KX-TG9313**
      Press **[OFF]**.

   ■ **KX-TG9331/KX-TG9332/
      KX-TG9333/KX-TG9334**
      Press **[INTERCOM]**, then press **[OFF]**.

Note:

● When the ringer volume for outside calls is set to off (page 24), the handset rings at a low level for paging.

Wall mounting

Base unit

1 Lead the telephone line cord through the hole in the wall mounting adaptor in the direction of the arrow.
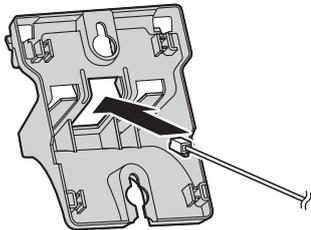
2 Tuck the telephone line cord inside the wall mounting adaptor (❶). Connect the AC adaptor cord and telephone line cord (❷).
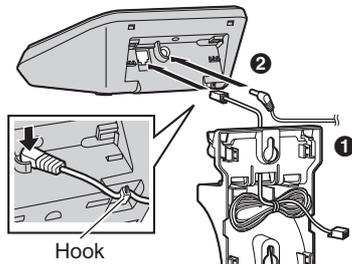
Hook

3 Insert the hooks on the wall mounting adaptor into the holes Ⓐ and Ⓑ on the base unit.
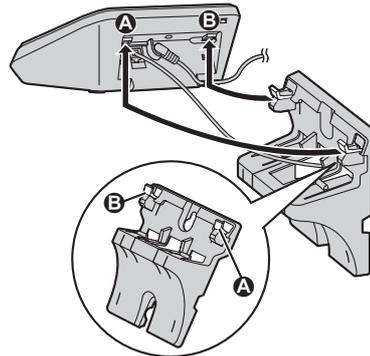
**4** Adjust the adaptor to hold the base unit, then push it in the direction of the arrow until it clicks into place.

45
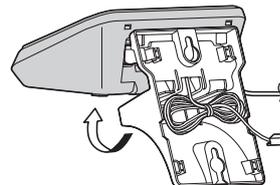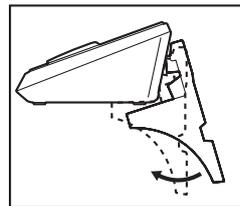
5 Connect the telephone line cord. Mount the unit by inserting the mounting pins into the round openings on the adaptor (for pin **B**, use the round cut out at the bottom of the adaptor if you are using the 4 inch phone plate), then slide the unit down to secure it. Connect the AC adaptor to power outlet (page 12).

● There are 2 common types of wall phone plates. The distance between **A** and **B** may vary depending on the size of the wall phone plate installed.

(120 V AC, 60 Hz)

83 mm (3$^1/_4$ inches) or 102 mm (4 inches)

83 mm (3$^1/_4$ inches)   102 mm (4 inches)
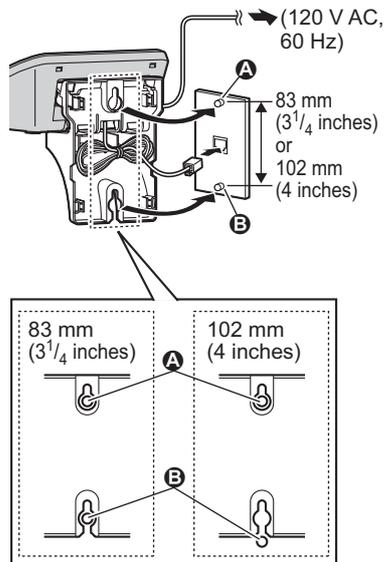
To remove the wall mounting adaptor
While pushing down the release levers (❶), remove the adaptor (❷).
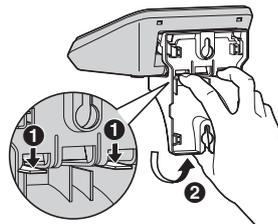
Charger

Available for:
KX-TG9312/KX-TG9313/ KX-TG9332/KX-TG9333/ KX-TG9334

1 Drive the screws (not included) into the wall.

25.4 mm (1 inch)

Screws

(120 V AC, 60 Hz)
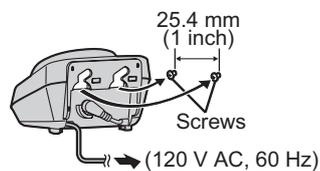
2 Mount the charger (❶), then slide it down (❷) and to the right (❸) until it is secure.
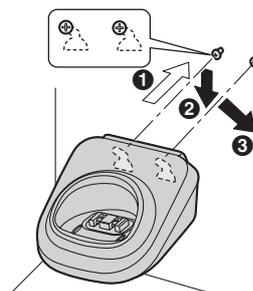
Error messages

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

Display message	Cause/solution

`Busy`
 	
or
 	
`System is busy. Please`
`try again later.`
	● The called handset or base unit is in use.
	● Other units are in use and the system is busy. Try again later.
	● The handset you are using is too far from the base unit. Move closer and try again.
	● The handset's registration may have been cancelled. Re-register the handset (page 29).

`Check tel line`	● The supplied telephone line cord has not been connected yet or not connected properly. Check the connections (page 12).
`Don't use this battery.`	● A wrong type of battery such as Alkaline or Manganese was inserted. Use only the rechargeable Ni-MH batteries noted on page 6, 13.
`Error!!`	● The handset's registration has failed. Move the handset and base unit away from all electrical appliances and try again.
`Insert battery`	● The handset was placed on the base unit or charger without batteries. Insert the batteries properly (page 13).
`Invalid`	● There is no handset registered to the base unit matching the handset number you entered. ● The handset is not registered to the base unit. Register the handset (page 29).
`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 29).
`Phonebook full`	● The phonebook memory is full. Erase unnecessary entries (page 21).
`Store VM access#`	● You have not stored the voice mail access number. Store the number (page 41).

Useful Information

Troubleshooting

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

General use

Problem	Cause/solution
The unit does not work.	• Make sure the batteries are installed correctly (page 13). • Fully charge the batteries (page 14). • Check the connections (page 12). • Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again. • The handset has not been registered to the base unit. Register the handset (page 29).
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 jack 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.
The indicator on the handset flashes slowly.	• New messages have been recorded. Listen to the new messages (page 37).[1] • New voice mail messages have been recorded. Listen to the new voice mail messages (page 42).

[1] KX-TG9331/KX-TG9332/KX-TG9333/KX-TG9334

Programmable settings

| Problem	Cause/solution
I have changed the display language to a language I cannot read.	• Change the display language (page 15).

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Problem	Cause/solution
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 30). ● 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 14).
I fully charged the batteries, but ▭■ still flashes or ▭ is displayed.	● Clean the charge contacts and charge again (page 14). ● It is time to replace the batteries (page 13).
I fully charged the batteries, but the operating time seems to be shorter.	● Clean the battery ends (⊕, ⊖) and the charge contacts with a dry cloth, and charge again.

Making/answering calls, intercom

Problem	Cause/solution
Noise is heard, sound cuts in and out.	● You are using the handset or base unit in an area with high electrical interference. Place 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 DSL/ADSL filter between the base unit and the telephone line jack. Contact your DSL/ADSL provider for details.
The handset does not ring.	● The ringer volume is turned off. Adjust the ringer volume (page 24). ● Night mode is turned on. Turn it off (page 28).
The base unit does not ring.[1]	● The ringer volume is turned off. Adjust it (page 18).
I cannot make a call.	● The dialing mode may be set incorrectly. Change the setting (page 15). ● The handset is too far from the base unit. Move closer and try again.

Useful Information

Problem	Cause/solution
I cannot make long distance calls.	• Make sure that you have long distance service.

*1 KX-TG9331/KX-TG9332/KX-TG9333/KX-TG9334

Call Display/Talking Call Display[*1]

Problem	Cause/solution
Caller information is not displayed.	• You need to subscribe to Call Display service. Contact your service provider/telephone company for details. • If your unit is connected to any additional telephone equipment such as a Call Display box or cordless telephone line jack, plug the unit directly into the wall jack. • If you use a DSL/ADSL service, we recommend connecting a DSL/ADSL filter between the base unit and the telephone line jack. Contact your DSL/ADSL provider for details. • The name display service may not be available in some areas. Contact your service provider/telephone company for details. • Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again.
Caller information is displayed or announced[*1] late.	• Depending on your service provider/telephone company, the unit may display or announce[*1] the caller's information at 2nd ring or later. • Move closer to the base unit.
Caller information is not announced.[*1]	• The handset or base unit's ringer volume is turned off. Adjust it (page 18, 24). • The Talking Call Display feature is turned off. Turn it on (page 25). • The number of rings for the answering system is set to **"2"** or **"Toll saver"**. Select a different setting (page 39). • If the base unit and another handset are having an intercom call, your handset does not announce caller information.

Problem	Cause/solution
I cannot dial the phone number edited in the caller list.	• The phone number you dialed might have been edited incorrectly (for example, the long distance "1" or the area code is missing). Edit the phone number with another pattern (page 34).
Time on the unit is shifted.	• Incorrect time information from incoming Call Display changes the time. Set the time adjustment to off (page 25).
The 2nd caller's information is not displayed during an outside call. (Visual Call Waiting feature does not function.)	• In order to use Call Display, call waiting, or Visual Call Waiting, you must first contact your service provider/telephone company and subscribe to the desired service. After subscribing, you may need to contact your service provider/telephone company again to activate this specific service, even if you already subscribed to both Call Display and Visual Call Waiting services.

*1 KX-TG9331/KX-TG9332/KX-TG9333/KX-TG9334

Answering system (KX-TG9331/KX-TG9332/KX-TG9333/KX-TG9334)

| Problem	Cause/solution
The unit does not record new messages.	• The answering system is turned off. Turn it on (page 35). • The message memory is full. Erase unnecessary messages (page 36). • The recording time is set to **"Greeting only"**. Change the setting (page 39). • 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 39).
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.

Useful Information

Problem	Cause/solution
I cannot operate the answering system remotely.	• You are entering the wrong remote access code. If you forgot the remote access code, store a new remote access code (page 38). • Press each key firmly. • The answering system is turned off. Turn it on (page 38). • 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.

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

Industry Canada Notices and other information

NOTICE:
This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, "IC:", before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.
And, the term "IC:" signifies that Industry Canada radio technical specifications were met.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure, for their own protection, that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution:
Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

NOTICE:
The **Ringer Equivalence Number** (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.
The Ringer Equivalence Number (REN) of this unit:
(found on the bottom of the unit).

NOTICE:
Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Privacy of communications may not be ensured when using this telephone.

Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near, or on top of, a TV or VCR. If

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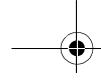
interference is experienced, move the cordless telephone further away from the TV or VCR. This will often reduce, or eliminate, interference.

RF Exposure Warning:

● This product complies with IC radiation exposure limits set forth for an uncontrolled environment.

● To comply with IC RF exposure requirements, the base unit must be installed and operated 20 cm (8 inches) or more between product and all person's body (excluding extremities of hands, wrist and feet).

● This product may not be collocated or operated in conjunction with any other antenna or transmitter.

● The handset may be carried and operated with only the specific provided belt-clip. Other non-tested belt-clips or similar body-worn accessories may not comply and must be avoided.
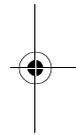
Specifications

■ **Standard:**
DECT 6.0 (Digital Enhanced Cordless Telecommunications 6.0)

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

■ **Frequency range:**
1.92 GHz to 1.93 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:**
115 mW (max.)

■ **Voice coding:**
ADPCM 32 kbit/s

■ **Power source:**
120 V AC, 60 Hz

■ **Power consumption:**
Base unit[1]:
Standby: Approx. 0.8 W
Maximum: Approx. 3.1 W
Base unit[2]:
Standby: Approx. 0.9 W
Maximum: Approx. 3.4 W
Charger[3]:
Standby: Approx. 0.3 W
Maximum: Approx. 2.9 W

■ **Operating conditions:**
5 °C – 40 °C (41 °F – 104 °F), 20 % – 80 % relative air humidity (dry)

■ **Dimensions:**
Base unit: Approx. 63 mm × 140 mm × 119 mm
(2 $^{15}/_{32}$ inches × 5 $^{1}/_{2}$ inches × 4 $^{11}/_{16}$ inches)

Handset: Approx. 156 mm × 49 mm × 32 mm
(6 $^{1}/_{8}$ inches × 1 $^{15}/_{16}$ inches × 1 $^{1}/_{4}$ inches)
Charger[3]**:** Approx. 51 mm × 75 mm × 88 mm
(2 inches × 2 $^{15}/_{16}$ inches × 3 $^{15}/_{32}$ inches)

■ **Mass (weight):**
Base unit[1]**:** Approx. 170 g (0.37 lb.)
Base unit[2]**:** Approx. 220 g (0.49 lb.)
Handset: Approx. 130 g (0.29 lb.)
Charger[3]**:** Approx. 60 g (0.13 lb.)

[1] KX-TG9312/KX-TG9313
[2] KX-TG9331/KX-TG9332/
   KX-TG9333/KX-TG9334
[3] KX-TG9312/KX-TG9313/
   KX-TG9332/KX-TG9333/
   KX-TG9334

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

Useful Information

Warranty

Panasonic Canada Inc.

5770 Ambler Drive, Mississauga, Ontario L4W 2T3

PANASONIC PRODUCT - LIMITED WARRANTY

Panasonic Canada Inc. warrants this product to be free from defects in material and workmanship and agrees to remedy any such defect for a period as stated below from the date of original purchase.

Telephone Accessory / Product   - One (1) year, parts and labour

LIMITATIONS AND EXCLUSIONS

This warranty does not apply to products purchased outside Canada or to any product which has been improperly installed, subjected to usage for which the product was not designed, misused or abused, damaged during shipping, or

which has been altered or repaired in any way that affects the reliability or detracts from the performance, nor does it cover any product which is used commercially. Dry cell batteries are also excluded from coverage under this warranty.

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

This warranty is extended to the original end user purchaser only. A purchase receipt or other proof of date of original purchase is required before warranty service is performed.

THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

In certain instances, some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or the exclusion of implied warranties, so the above limitations and exclusions may not be applicable.

WARRANTY SERVICE

FOR PRODUCT OPERATION ASSISTANCE, please contact:

Our Customer Care Centre: Telephone #: (905) 624-5505
1-800 #:   1-800-561-5505
Fax #:   (905) 238-2360
Email link: "Contact Us" on www.panasonic.ca

FOR PRODUCT REPAIRS, please locate your nearest Authorized Servicentre at www.panasonic.ca :

Link : "Servicentres^TM locator" under "Customer support"

IF YOU SHIP THE PRODUCT TO A SERVICENTRE

Carefully pack and send prepaid, adequately insured and preferably in the original carton. Include details of the defect claimed, and proof of date of original purchase.

Index

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.
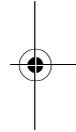
Panasonic Canada Inc.
5770 Ambler Drive, Mississauga, Ontario L4W 2T3

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