Panasonic®

Operating Instructions

Digital Cordless Phone

Model No. **KX-TG2711C**
KX-TG2712C
KX-TG304CSK

Digital Cordless Answering System

Model No. **KX-TG2721C**
KX-TG2722C

DECT
6.0

Model shown is KX-TG2711.

Before initial use, see "Getting Started" on page 9.

Thank you for purchasing a Panasonic product.
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

Model composition

Series	Model No.	Base unit	Handset	
		Part No.	Part No.	Quantity
KX-TG2711 series	KX-TG2711	KX-TG2711	KX-TGA277	1
	KX-TG2712	KX-TG2711	KX-TGA277	2
	KX-TG304SK	KX-TG2711	KX-TGA277	4
KX-TG2721 series	KX-TG2721	KX-TG2721	KX-TGA277	1
	KX-TG2722	KX-TG2721	KX-TGA277	2

- The suffix (C) in the following model numbers will be omitted in these instructions:
  KX-TG2711C/KX-TG2712C/KX-TG304CSK/KX-TG2721C/KX-TG2722C

Accessory information

Supplied accessories

No.	Accessory item/Part number	Quantity		
		KX-TG2711 KX-TG2721	KX-TG2712 KX-TG2722	KX-TG304SK
①	AC adaptor/PNLV226	1	2	4
②	Telephone line cord	1	1	1
③	Rechargeable batteries[*1]	2	4	8
④	Handset cover[*2]	1	2	4
⑤	Charger	–	1	3

*1 See page 4 for replacement battery information.
*2 The handset cover comes attached to the handset.

① ② ③ ④ ⑤
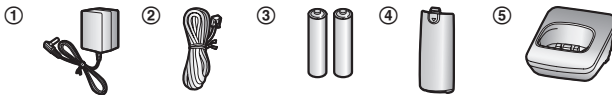
Additional/replacement accessories

Please contact your nearest Panasonic dealer for sales information.

Accessory item	Order number
Rechargeable batteries	HHR-4DPA or HHR-4MRA[*1]
	Battery type: – Nickel metal hydride (Ni-MH) – 2 x AAA (R03) size for each handset

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

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.
- Unplug from power outlets and never touch the inside of the product if its casing has been broken open.
- Never touch the plug with wet hands. Danger of electric shock exists.

Installation

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Do not place or use this product near automatically controlled devices such as automatic doors and fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.

- Do not allow the AC adaptor or telephone line cord to be excessively pulled, bent or placed under heavy objects.

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 location

- 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.
- 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:

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– the handset batteries need recharging or have failed.
– there is a power failure.

Battery

- We recommend using the batteries noted on page 4. **USE ONLY rechargeable Ni-MH batteries AAA (R03) size.**
- Do not mix old and new batteries.
- Do not open or mutilate the batteries. Released electrolyte from the batteries is corrosive and may cause burns or injury to the eyes or skin. The electrolyte is toxic and may be harmful if swallowed.
- Exercise care when handling the batteries. Do not allow conductive materials such as rings, bracelets, or keys to touch the batteries, otherwise a short circuit may cause the batteries and/or the conductive material to overheat and cause burns.
- Charge the batteries provided with or identified for use with this product only, in accordance with the instructions and limitations specified in this manual.
- Only use a compatible base unit (or charger) to charge the batteries. Do not tamper with the base unit (or charger). Failure to follow these instructions may cause the batteries to swell or explode.

Attention:

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.

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 computers, wireless devices, or other phones.
  – facing away from radio frequency transmitters, such as external antennas of mobile phone cell stations. (Avoid putting the base unit on a bay window or near a window.)
- Coverage and voice quality depends on the local environmental conditions.

● If the reception for a base unit location is not satisfactory, move the base unit to another location for better reception.

Environment

● Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.
● The product should be kept free from excessive smoke, dust, high temperature, and vibration.
● The product should not be exposed to direct sunlight.
● Do not place heavy objects on top of the product.
● When you leave the product unused for a long period of time, unplug the product from the power outlet.
● The product should be kept away from heat sources such as heaters, kitchen stoves, etc. It should not be placed in rooms where the temperature is less than 0 °C (32 °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.

Other information

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

Notice for product disposal, transfer, or return

● This product can store your private/confidential information. To protect your privacy/confidentiality, we recommend that you erase information such as phonebook or caller list entries from the memory before you dispose of, transfer, or return the product.

ENERGY STAR

As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.

Specifications

- **Standard:**
  DECT 6.0 (Digital Enhanced
  Cordless Telecommunications 6.0)
- **Frequency range:**
  1.92 GHz to 1.93 GHz
- **RF transmission power:**
  115 mW (max.)
- **Power source:**
  120 V AC, 60 Hz
- **Power consumption:**
  Base unit[*1]:
  Standby: Approx. 0.6 W
  Maximum: Approx. 3.2 W
  Base unit[*2]:
  Standby: Approx. 0.7 W
  Maximum: Approx. 3.5 W
  Charger:
  Standby: Approx. 0.1 W
  Maximum: Approx. 1.8 W
- **Operating conditions:**
  0 °C – 40 °C (32 °F – 104 °F), 20 % – 80 %
  relative air humidity (dry)

*1 KX-TG2711 series: page 3
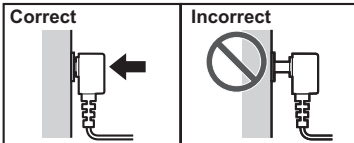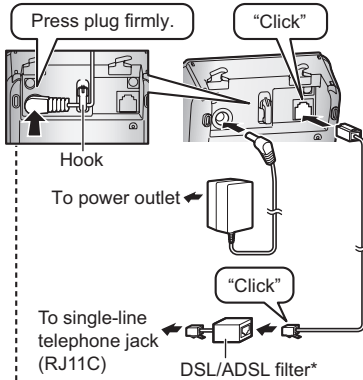*2 KX-TG2721 series: page 3

Note:

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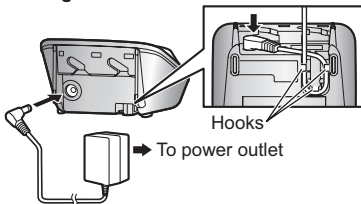
Setting up

Connections

- Use only the supplied Panasonic AC adaptor PNLV226.
- When mounting the unit on a wall, see page 30.

■ **Base unit**

Press plug firmly.

"Click"

Hook

To power outlet

"Click"

To single-line telephone jack (RJ11C)

DSL/ADSL filter*

Correct	**Incorrect**

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

■ **Charger**

Hooks

→ To power outlet

Battery installation

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

Rechargeable Ni-MH ONLY
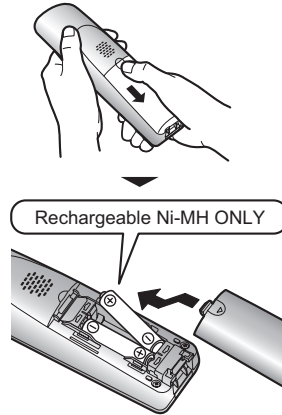
Battery charging

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

Confirm **"Charging"** is displayed.

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Note when setting up

Note for connections

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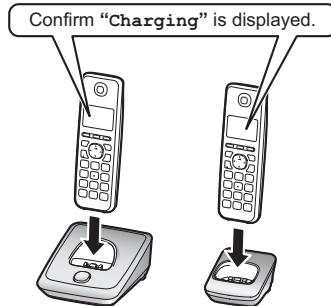- The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.

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.

Note for battery installation

- Use the supplied rechargeable batteries. For replacement, we recommend using the Panasonic rechargeable batteries noted on page 4, 6.
- Wipe the battery ends ($\oplus$, $\ominus$) with a dry cloth.
- Avoid touching the battery ends ($\oplus$, $\ominus$) or the unit contacts.

Note for battery charging

- It is normal for the handset to feel warm during charging.
- Clean the charge contacts of the handset, base unit, and charger with a soft and dry cloth once a month. Before cleaning the unit, disconnect from power outlets and any telephone line cords. Clean more often if the unit is exposed to grease, dust, or high humidity.

Battery level

Icon	Battery level
▉▉▉	High
▉▉	Medium

Icon	Battery level
▉	Low
▉	Needs charging.

Panasonic Ni-MH battery performance (supplied batteries)

Operation	Operating time
In continuous use	10 hours max.*1
Not in use (standby)	6 days max.*1

*1   If eco mode is on.

Note:
- Actual battery performance depends on usage and ambient environment.
- Even after the batteries are fully charged, the handset can be left on the base unit or charger without any ill effect on the batteries.
- The battery level may not be displayed correctly after you replace the batteries. In this case, place the handset on the base unit or charger and let it charge for at least 7 hours.

Intelligent eco mode

This feature automatically reduces handset power consumption by suppressing handset transmission power when the handset is close to the base unit.
- When this feature is activated, **"ECO"** is displayed.
- Eco mode is turned off when the clarity booster is activated (page 15).

Controls

Handset
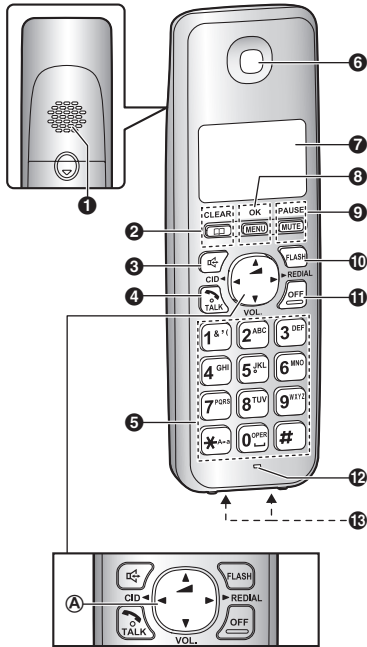
1. **Speaker**
2. **【🕮】 (Phonebook) 【CLEAR】**
3. **【🔊】 (Speakerphone)**
4. **【📞】 (TALK)**
5. **Dial keypad (⊛: Tone)**
6. **Receiver**
7. **Display**
8. **【MENU】【OK】**
9. **【MUTE】【PAUSE】**
10. **【FLASH】**
11. **【OFF】**
12. **Microphone**
13. **Charge contacts**

Ⓐ **Navigator key**
- **【▲】**, **【▼】**, **【◄】**, or **【►】**: Scroll through various lists and items.
- ⊿ VOL. (Volume: **【▲】** or **【▼】**): Adjust the receiver or speaker volume while talking.
- **【◄】** CID (Call Display): View the caller list.
- **【►】** REDIAL: View the redial list.

Base unit

■ **KX-TG2711 series: page 3**
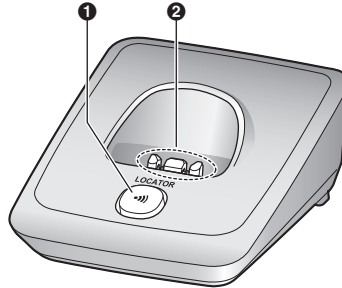
1. **【•))】 (LOCATOR)**
2. **Charge contacts**

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■ **KX-TG2721 series: page 3**

① 【+】/【−】 **(VOL.: Volume up/down)**
② 【✕】 **(ERASE)**
③ 【▶】 **(PLAY)**
   Message indicator
④ **Charge contacts**
⑤ **Speaker**
⑥ 【◀◀】/【▶▶】 **(Repeat/Skip)**
⑦ 【■】 **(STOP)**
⑧ 【•))】 **(LOCATOR)**
⑨ 【◖◗】 **(ANSWER ON/OFF)**
   ANSWER ON/OFF indicator

Display

Handset display items

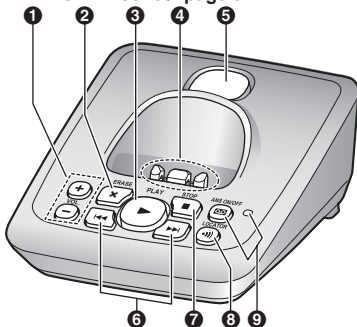| Item	Meaning
Ψ	Within base unit range ● When flashing: Handset is searching for the base unit. (page 32)
ECO	Eco mode is on. (page 10)
[P]	Privacy mode is on.*1 (page 20)
[1]	Handset number
▐▌▌▌	Battery level
In use	● Someone is using the line.*1 ● Answering system is being used by the base unit.*2

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*1 KX-TG2712/KX-TG304SK/KX-TG2722
*2 KX-TG2721 series: page 3

Initial settings

■ **Symbol meaning:**

Symbol	Meaning
Example: 【♦】: "Off"	Press 【▼】 or 【▲】 to select the words in quotations.

Display language

You can select either **"English"** or **"Français"** as the display language. The default setting is **"English"**.

1 【MENU】
2 【♦】: **"Initial setting"** → 【OK】
3 【♦】: **"Display settings"** → 【OK】
4 【♦】: **"Change language"** → 【OK】
5 【♦】: Select the desired setting. → 【OK】
6 【OFF】

Note:
● How to change from French back to English:

① 【MENU】
② 【♦】: **"Réglage initial"** → 【OK】
③ 【♦】: **"Affichage"** → 【OK】
④ 【♦】: **"Changer langue"** → 【OK】
⑤ 【♦】: **"English"** → 【OK】 → 【OFF】

Date and time

1 【MENU】
2 【♦】: **"Date and time"** → 【OK】
3 Enter the current month, date, and year by selecting 2 digits for each.
   Example: July 15, 2013
   0 7 1 5 1 3

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

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

6 [OK] → [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.
- The date and time may be incorrect after a power failure. In this case, set the date and time again.

Voice guidance language

Available for:
KX-TG2721 series: page 3

You can select either **"English"** or **"Français"** as the voice guidance language of the answering system. The default setting is **"English"**.

1 [MENU]

2 [♦]: **"Answering device"** → [OK]

3 [♦]: **"Settings"** → [OK]

4 [♦]: **"Voice prompt"** → [OK]

5 [♦]: Select the desired setting.

6 [OK] → [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]

2 [♦]: **"Initial setting"** → [OK]

3 [♦]: **"Set tel line"** → [OK]

4 [♦]: **"Set dial mode"** → [OK]

5 [♦]: Select the desired setting.

6 [OK] → [OFF]

Making calls

1 Lift the handset and dial the phone number.
   ● To correct a digit, press **[CLEAR]**.
2 Press **[➶]**.
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. → **[CLEAR]**
3 **[♦]**: "**Yes**" → **[OK]**
4 **[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 18).
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.

Answering calls

1 Lift the handset and press **[➶]** or **[◁]** when the unit rings.
   ● You can also answer the call by pressing any dial key from ⓪ to ⑨, ⊛, or ⌗. **(Any key answer feature)**
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 20.

Adjusting the handset ringer volume

■ **While the handset is ringing for an incoming call:**
   Press **[▲]** or **[▼]** repeatedly to select the desired volume.
■ **Programming the volume beforehand:**
   1 **[MENU]**
   2 **[♦]**: "**Initial setting**" → **[OK]**
   3 **[♦]**: "**Ringer settings**" → **[OK]**
   4 **[♦]**: "**Ringer volume**" → **[OK]**
   5 **[♦]**: Select the desired volume.
   6 **[OK]** → **[OFF]**

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-TG2721 series: page 3

Press **[+]** or **[−]** repeatedly to select the desired volume.
- To turn the ringer off, press and hold **[−]** until the unit beeps.

Useful features during a call

Hold

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

1 Press **[MENU]** during an outside call.
2 **[↕]**: **"Hold"** → **[OK]**
3 To release hold, press **[ ]**.
   - Another handset user can take the call by pressing **[ ]**. (KX-TG2712/KX-TG304SK/KX-TG2722)

Note:
- If a call is kept on hold for more than 9 minutes, the call rings at your unit again. After 1 additional minute on hold, the call is disconnected.
- If another phone is connected to the same line, you can also take the call by lifting its handset.

Mute

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

1 Press **[MUTE]** during conversation.

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

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 20.

For Call Waiting or Visual Call Waiting service users

To use Call Waiting or Visual Call Waiting, you must first subscribe with your service provider/telephone company.

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

If you subscribe to both 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 **[FLASH]** to answer the 2nd call.
2 To switch between calls, press **[FLASH]**.

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 ✳ 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.

Call share

Available for:
KX-TG2712/KX-TG304SK/KX-TG2722

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

Note:

● A maximum of 4 parties (including 1 outside party) can join a conversation using 3 extensions. **(4-way conference)** (KX-TG304SK)
● To prevent other users from joining your conversations with outside callers, turn privacy mode on (page 20).

Phonebook

The phonebook allows you to make calls without having to dial manually. You can add 50 names and phone numbers to the shared phonebook.

Important:

- If you add entries on one handset, the entries can be shared on all handsets. Only 1 person can access the shared phonebook at a time. (KX-TG2712/ KX-TG304SK/KX-TG2722)

Adding entries

1 **[▯]** → **[MENU]**
2 **[♦]**: **"Add new entry"** → **[OK]**
3 Enter the party's name (16 characters max.). → **[OK]**
4 Enter the party's phone number (24 digits max.). → **[OK]** 2 times
   - To add other entries, repeat from step 3.
5 **[OFF]**

Character table for entering names

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

Key	Character					
1	␣	#	&	'	(	)
	🟊	,	−	.	/	1
2	A	B	C	2		
	a	b	c	2		
3	D	E	F	3		
	d	e	f	3		
4	G	H	I	4		
	g	h	i	4		
5	J	K	L	5		
	j	k	l	5		

Key	Character				
6	M	N	O	6	
	m	n	o	6	
7	P	Q	R	S	7
	p	q	r	s	7
8	T	U	V	8	
	t	u	v	8	
9	W	X	Y	Z	9
	w	x	y	z	9
0	␣	0			

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

Erasing the character or number

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

Finding and calling from a phonebook entry

Scrolling through all entries

1 **[▯]**
2 **[♦]**: Select the desired entry.
3 **[➘]**

Searching by first character

1 **[▯]**
2 Press the dial key (**[0]** – **[9]**) which contains the character you are searching for (page 17).
   - 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 17). →
[MENU]

2 **[♦]**: **"Edit"** → **[OK]**

3 Edit the name if necessary (16 characters
max.; page 17). → **[OK]**

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

5 **[♦]**: **"Save"** → **[OK]** → **[OFF]**

Erasing entries

Erasing an entry

1 Find the desired entry (page 17).

2 **[CLEAR]**

3 **[♦]**: **"Yes"** → **[OK]** → **[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 **[📖]**.

2 **[♦]**: Select the desired entry.

3 Press **[OK]** to dial the number.

Note:

● When storing a calling card access number
and your PIN in the phonebook as one
phonebook entry, press **[PAUSE]** to add
pauses after the number and PIN as
necessary (page 14).

● If you have rotary/pulse service, you need
to press ✳ before pressing **[📖]** in step 1
to change the dialing mode temporarily to
tone. When adding entries to the
phonebook, we recommend adding ✳ to
the beginning of phone numbers you wish
to chain dial (page 17).

Programmable settings

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

Scrolling through the display menus

1 **[MENU]**

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

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

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

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

Main menu	Sub-menu 1	Sub-menu 2	☞
`Caller list`	–	–	21
`Answering device`[*1]	`Play new msg.` (`msg.`: message)	–	24
	`Play all msg.`	–	24
	`Erase all msg.`[*2]	–	25
	`Greeting`	`Record greeting`[*2]	23
		`Check greeting`	24
		`Pre-recorded`[*2] (Reset to pre-recorded greeting)	24
	`Settings`	`Remote code`[*2] `<111>`	25
		`Ring count`[*2] `<4 rings>`	26
		`Recording time`[*2] `<3 min>`	27
		`Screen call <On>`	23
		`Voice prompt`[*2] `<English>`	13
	`Answer on`[*2]	–	23
	`Answer off`[*2]	–	23
`Intercom`[*3]	–	–	29

Programming

Main menu	Sub-menu 1	Sub-menu 2	☞
`Ph.book settings` (`Ph.book`: phonebook)	`Add new entry`[*2]	–	17
`Initial setting`	`Ringer settings`	`Ringer volume` <Level 6>	14
		`Ringer tone`[*4, *5, *6] <Tone 1>	–
	`Display settings`	`Change language` <English>	12
		`Contrast` <Level 3>	–
	`Set tel line`	`Set dial mode`[*2] <Tone>	13
		`Set flash time`[*2, *7] <700 ms>	15
	`Privacy mode`[*2, *3] <Off>	–	16
	`Registration`	`HS registration` (`HS`: handset)	34
		`Deregistration`	35
	`Key tone`[*8] <On>	–	–
	`Auto talk`[*9] <Off>	–	14
`Date and time`[*2]	–	–	12
`Customer support`	–	–	–

*1 KX-TG2721 series: page 3
*2 If you program these settings using one of the handsets, you do not need to program the same item using another handset. (KX-TG2712/KX-TG304SK/KX-TG2722)
*3 KX-TG2712/KX-TG304SK/KX-TG2722
*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, it will continue to play for several seconds even if the caller has already hung up. You may either hear a dial tone or no one on the line when you answer the call.
*6 The preset melodies in this product are used with permission of © 2007 Copyrights Vision Inc.
*7 The flash time depends on your telephone exchange or host PBX. Contact your PBX supplier if necessary.
*8 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.
*9 If you subscribe to a Call Display service and want to view the caller's information after lifting up the handset to answer a call, turn off this feature.

Using Call Display service

Important:

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

Call Display features

When an outside call is being received, the caller information is displayed.
Caller information for the last 50 callers is logged in the caller list from the most recent call to the oldest.

● If the unit cannot receive caller information, the following is displayed:
  – **"Unavailable Name & No."**: The caller dials from an area which does not provide a Call Display service.
  – **"Private caller"**: The caller requests not to send caller information.
  – **"Long distance"**: The caller makes a long distance call.
● If the unit is connected to a PBX system, caller information may not be properly received. Contact your PBX supplier.

Missed calls

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

Note:

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

Phonebook name display

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

Caller list

Important:

● Only 1 person can access the caller list at a time.
● Make sure the unit's date and time setting is correct (page 12).

Viewing the caller list and calling back

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

Note:

● If the entry has already been viewed or answered, "✔" is displayed, even if it was viewed or answered using another handset.
● In step 2, if ▶ is displayed, not all of the information is shown. To see the remaining information, press **[►]**. To return to the previous screen, press **[◄]**.

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 **[◄]** CID
2 **[♦]**: Select the desired entry.
3 **[MENU]** → **[♦]**: **"Edit & Save"** → **[OK]**
4 Press **[MENU]** 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

5 【📞】

Note:
● The number edited in step 4 will not be
  saved in the caller list.

Erasing selected caller information

1 【◄】 CID
2 【♦】: Select the desired entry.
3 **[CLEAR]** → 【♦】: **"Yes"**
4 **[OK]** → **[OFF]**

Erasing all caller information

1 【◄】 CID
2 【♦】: Select the desired entry. → **[MENU]**
3 【♦】: **"Erase all"** → **[OK]**
4 【♦】: **"Yes"** → **[OK]** → **[OFF]**

Storing caller information to the phonebook

1 【◄】 CID
2 【♦】: Select the desired entry. → **[MENU]**
3 【♦】: **"Edit & Save"** → **[OK]**
   ● To edit the number, press **[MENU]**
     repeatedly until the phone number is
     shown in the desired format.
4 **[MUTE]**
5 Continue from step 3, "Editing entries",
  page 18.

Answering system

Available for:
KX-TG2721 series: page 3

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

Important:
● Only 1 person can access the answering system (listen to messages, record a greeting message, etc.) at a time.
● When callers leave messages, the unit records the day and time of each message. Make sure the date and time have been set correctly (page 12).

Memory capacity (including your greeting message)

The total recording capacity is about 16 minutes. A maximum of 64 messages can be recorded.

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

Turning the answering system on/off

Base unit

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

Handset

1 **[MENU]**
2 **[⬍]**: **"Answering device"** → **[OK]**
3 **[⬍]**: **"Answer on"** or **"Answer off"** → **[OK]** → **[OFF]**

Note for base unit and handset:
● When the answering system is turned on, the ANSWER ON/OFF indicator on the base unit lights up.

Call screening

While a caller is leaving a message, you can listen to the call through the handset's speaker. To adjust the speaker volume, press **[▲]** or **[▼]** repeatedly. You can answer the call by pressing **[✆]**. Call screening can be set for each handset. The default setting is **"On"**.

1 **[MENU]**
2 **[⬍]**: **"Answering device"** → **[OK]**
3 **[⬍]**: **"Settings"** → **[OK]**
4 **[⬍]**: **"Screen call"** → **[OK]**
5 **[⬍]**: Select the desired setting. → **[OK]** → **[OFF]**

Greeting message

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

Recording your greeting message

1 **[MENU]**
2 **[⬍]**: **"Answering device"** → **[OK]**

23

3 [⬍]: **"Greeting"** → **[OK]**

4 [⬍]: **"Record greeting"** → **[OK]**

5 [⬍]: **"Yes"** → **[OK]**

6 After a beep sounds, hold the handset about 20 cm (8 inches) away and speak clearly into the microphone (2 minutes max.).

7 Press **[OK]** to stop recording.

8 **[OFF]**

Using a pre-recorded greeting message

If you erase or do not record your own greeting message, the unit plays a pre-recorded greeting asking callers to leave a message.

Resetting to a pre-recorded greeting message

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

1 **[MENU]**

2 [⬍]: **"Answering device"** → **[OK]**

3 [⬍]: **"Greeting"** → **[OK]**

4 [⬍]: **"Pre-recorded"** → **[OK]**

5 **[OK]** → **[OFF]**

Playing back the greeting message

1 **[MENU]**

2 [⬍]: **"Answering device"** → **[OK]**

3 [⬍]: **"Greeting"** → **[OK]**

4 [⬍]: **"Check greeting"** → **[OK]**

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

Listening to messages using the base unit

When new messages have been recorded, **[►]** on the base unit flashes.
Press **[►]** (PLAY).
● If new messages have been recorded, the base unit plays back new messages.
● If there are no new messages, the base unit plays back all messages.

Operating the answering system during playback

Key	Operation
[+] or **[−]**	Adjust the speaker volume
[I◄◄]	Repeat message*1
[►►I]	Skip message
[■] (STOP)	Stop playback
[✕] (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 in use.

Listening to messages using the handset

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

1 **[MENU]**

2 [⬍]: **"Answering device"** → **[OK]**

3 [⬍]: **"Play new msg."** or **"Play all msg."** → **[OK]**

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

Note:

● To switch to the receiver, press **[☎]**.

Operating the answering system

[MENU] → **[♦]**: **"Answering device"** → **[OK]**

Key	Operation
[▲] or **[▼]**	Adjust the receiver/speaker volume (during playback)
1 or **[◄]**	Repeat message (during playback)*1
2 or **[►]**	Skip message (during playback)
3	Enter the **"Settings"** menu
4	Play new messages
5	Play all messages
6	Play greeting message
7 6	Record greeting message
8	Turn answering system on
[MENU]	Pause message*2
9	Stop recording Stop playback
0	Turn answering system off
✳ 4*3	Erase currently playing message
✳ 5*4	Erase all messages
✳ 6	Reset to a pre-recorded greeting message

*1 If pressed within the first 5 seconds of a message, the previous message is played.
*2 To resume playback:
[♦]: **"Playback"** → **[OK]**
*3 You can also erase as follows:
[CLEAR] → **[♦]**: **"Yes"** → **[OK]**
*4 During playback, you can also erase as follows:
[MENU] → **[♦]**: **"Erase all"** → **[OK]** → **[♦]**: **"Yes"** → **[OK]**

Calling back (Call Display subscribers only)

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

1 Press **[MENU]** during playback.
2 **[♦]**: **"Edit & Call"** → **[OK]**
   ● To edit the number before calling back, press **[MENU]** repeatedly until the phone number is shown in the desired format (page 21).
3 **[☎]**

Erasing all messages

1 **[MENU]**
2 **[♦]**: **"Answering device"** → **[OK]**
3 **[♦]**: **"Erase all msg."** → **[OK]**
4 **[♦]**: **"Yes"** → **[OK]** → **[OFF]**

Remote operation

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

Remote access code

A 3-digit remote access code must be entered when operating the answering system remotely. This code prevents unauthorized parties from listening to your messages remotely. The default setting is **"111"**.

Important:

● To prevent unauthorized access to this product, we recommend that you regularly change the remote code.

1 **[MENU]**
2 **[♦]**: **"Answering device"** → **[OK]**
3 **[♦]**: **"Settings"** → **[OK]**

4 **[⬍]**: **"Remote code"** → **[OK]**

5 Enter the desired 3-digit remote access code.

6 **[OK]** → **[OFF]**

Deactivating remote operation

Press ⁂ in step 5 on "Remote access code", page 25.
● The entered remote access code is deleted.

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.

3 Follow the voice guidance prompts as necessary or control the unit using remote commands (page 26).

4 When finished, hang up.

Voice guidance

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

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

Remote commands

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

Key	Operation
①	Repeat message (during playback)*1
②	Skip message (during playback)
④	Play new messages
⑤	Play all messages

Key	Operation
⑨	Stop playback
⑩	Turn answering system off
⁂④	Erase currently playing message
⁂⑤	Erase all messages
⁂#	End remote operation (or hang up)

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

Turning on the answering system remotely

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

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

2 Let the phone ring 15 times.
● A long beep is heard.

3 Enter your remote access code within 10 seconds after the long beep.
● The greeting message is played back.
● You can either hang up, or enter your remote access code again and begin remote operation (page 25).

Answering system settings

Number of rings before the unit answers a call

You can change the number of times the phone rings **"Ring count"** before the unit answers calls. You can select 2 to 7 rings, or **"Toll saver"**.
The default setting is **"4 rings"**.
"Toll saver": The unit's answering system answers at the end of the 2nd ring when new messages have been recorded, or at the end of the 5th ring when there are no new messages. If you call your phone from outside to listen to new messages (page 25), you know that there are no new messages when

the phone rings for the 3rd time. You can then
hang up without being charged for the call.

1 **[MENU]**

2 **[‡]**: "**Answering device**" → **[OK]**

3 **[‡]**: "**Settings**" → **[OK]**

4 **[‡]**: "**Ring count**" → **[OK]**

5 **[‡]**: Select the desired setting. → **[OK]**
→ **[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 23).
● 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 allowed for each caller. The
default setting is "**3 min**".

1 **[MENU]**

2 **[‡]**: "**Answering device**" → **[OK]**

3 **[‡]**: "**Settings**" → **[OK]**

4 **[‡]**: "**Recording time**" → **[OK]**

5 **[‡]**: Select the desired setting. → **[OK]**
→ **[OFF]**

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 23). For details, see page 27.
(KX-TG2721 series: page 3)

Voice Mail message indication

When you have new Voice Mail messages, **"New Voice Mail"** is displayed on the handset if message indication service is available.
In order to listen to your Voice Mail messages, you must dial the Voice Mail access number of your service provider/telephone company.

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

Intercom

Available for:
KX-TG2712/KX-TG304SK/KX-TG2722

Intercom calls can be made between handsets.

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

Making an intercom call

1 **[MENU]**

2 **[♦]**: "**Intercom**" → **[OK]**

3 Select the handset you want to page by pressing the desired handset number.
- To stop paging, press **[OFF]**.

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

Answering an intercom call

1 Press **[✆]** to answer the page.

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

Handset locator

You can locate a misplaced handset by paging it.

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

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

Transferring calls, conference calls

Available for:
KX-TG2712/KX-TG304SK/KX-TG2722

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

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

2 **[♦]**: "**Intercom**" → **[OK]**

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

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

5 **To complete the transfer:**
Press **[OFF]**.
- The outside call is being routed to the destination unit.
To establish a conference call:
[MENU] → **[♦]**: "**Conference**" → **[OK]**
- To leave the conference, press **[OFF]**. The other 2 parties can continue the conversation.
- To put the outside call on hold:
[MENU] → **[♦]**: "**Hold**" → **[OK]**
To resume the conference: **[MENU]** → **[♦]**: "**Conference**" → **[OK]**

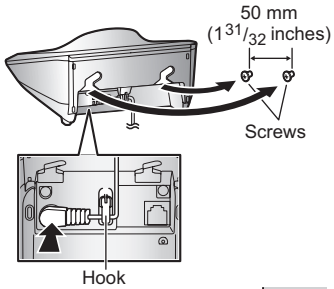### Answering a transferred call

Press **[✆]** to answer the page.
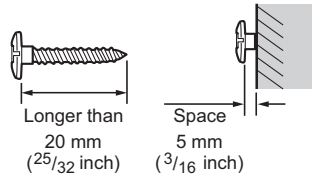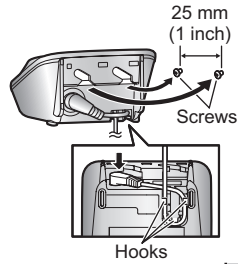
29

Wall mounting

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

■ **Base unit**

50 mm
(1 $^{31}/_{32}$ inches)

Screws

Hook

Longer than
20 mm
($^{25}/_{32}$ inch)

Space
6 mm
($^{1}/_{4}$ inch)

■ **Charger**

25 mm
(1 inch)

Screws

Hooks

Longer than
20 mm
($^{25}/_{32}$ inch)

Space
5 mm
($^{3}/_{16}$ inch)
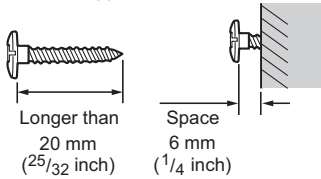
Error messages

Display message	Cause/solution
`Busy`	• The called unit is in use. • Other units are in use and the system is busy. Try again later. • The handset you are using is too far from the base unit. Move closer and try again. • There is no handset registered to the base unit matching the handset number you entered.
`Error!!`	• Recording was too short. Try again.
`No link to base. Reconnect main base 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 34).

Troubleshooting

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

General use

Problem	Cause/solution
The handset does not turn on even after installing charged batteries.	• Place the handset on the base unit or charger to turn on the handset.
The unit does not work.	• Make sure the batteries are installed correctly (page 9). • Fully charge the batteries (page 9). • Check the connections (page 9). • 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 34).

Problem	Cause/solution
I cannot hear a dial tone.	● The base unit's AC adaptor or telephone line cord is not connected. Check the connections. ● Disconnect the base unit from the telephone line and connect the line to a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your service provider/telephone company.

Programmable settings

Problem	Cause/solution
The display is in a language I cannot read.	● Change the display language (page 12).

Battery recharge

Problem	Cause/solution
The handset beeps and/or 🔲 flashes.	● Battery charge is low. Fully charge the batteries (page 9).
I fully charged the batteries, but – 🔲 still flashes, or – the operating time seems to be shorter.	● Clean the battery ends ($\oplus$, $\ominus$) and the charge contacts with a dry cloth and charge again. ● It is time to replace the batteries (page 9).

Making/answering calls, intercom

Problem	Cause/solution
Ψ is flashing.	● The handset is too far from the base unit. Move closer. ● The base unit's AC adaptor is not properly connected. Reconnect AC adaptor to the base unit. ● The handset is not registered to the base unit. Register it (page 34).
Noise is heard, sound cuts in and out.	● You are using the handset or base unit in an area with high electrical interference. Re-position the base unit and use the handset away from sources of interference. ● Move closer to the base unit. ● If you use a DSL/ADSL service, we recommend connecting a 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 14, 20).
The base unit does not ring.	● The ringer volume is turned off. Adjust the ringer volume (page 15).

Problem	Cause/solution
I cannot make a call.	• The dialing mode may be set incorrectly. Change the setting (page 13).
I cannot make long distance calls.	• Make sure that you have long distance service.

Call Display

Problem	Cause/solution
Caller information is not displayed.	• You must 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 late.	• Depending on your service provider/telephone company, the unit may display the caller's information at the 2nd ring or later. • Move closer to the base unit.
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 21).
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.

Answering system

Problem	Cause/solution
The unit does not record new messages.	• The answering system is turned off. Turn it on (page 23). • The message memory is full. Erase unnecessary messages (page 24). • If you subscribe to a Voice Mail service, messages are recorded by your service provider/telephone company, not your telephone. Change the unit's number of rings setting or contact your service provider/telephone company (page 27).
I cannot operate the answering system remotely.	• The remote access code is not set. Set the remote access code (page 25). • You are entering the wrong remote access code. If you have forgotten your remote access code, enter the remote access code setting to check your current code (page 25). • The answering system is turned off. Turn it on (page 26).

Liquid damage

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

Caution:

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

Registering a handset to the base unit

1 **Handset:**
[MENU]

2 **[$\updownarrow$]**: "Initial setting" → **[OK]**

3 **[$\updownarrow$]**: "Registration" → **[OK]**

4 **[$\updownarrow$]**: "HS registration" → **[OK]**

5 **Base unit:**
Proceed with the operation for your model.

■ **KX-TG2711 series: page 3**
Press and hold **[•))]** (LOCATOR) for about 5 seconds. (No registration tone)

■ **KX-TG2721 series: page 3:**
Press and hold **[•))]** (LOCATOR) for about 5 seconds until the registration tone sounds.

- If all registered handsets start ringing, press **[ ]** (LOCATOR) again to stop, then repeat this step. (KX-TG2712/KX-TG304SK/KX-TG2722)
- The next step must be completed within 90 seconds.

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

Note:

- While registering, **"Base in registering mode"** is displayed on all registered handsets. (KX-TG2712/KX-TG304SK/KX-TG2722)

Deregistering a handset

1 **[MENU]**

2 **[ ]**: **"Initial setting"** → **[OK]**

3 **[ ]**: **"Registration"** → **[OK]**

4 **[ ]**: **"Deregistration"** → **[OK]**

5 ③③⑤ → **[OK]**

6 Select the handset(s) you want to cancel by pressing the desired handset number. → **[OK]**
- The selected handset number(s) flashes.
- To undo a selection, press the handset number again. The number stops flashing.

7 **[ ]**: **"Yes"** → **[OK]**

8 **[OFF]**

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.

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.

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 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.
- For body-worn operation, the handset must be used only with a non-metallic accessory. Use of other accessories may not ensure compliance with IC RF exposure requirements.

Warranty

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

EXCHANGE PROGRAM

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

Telephone Accessory / Product	One (1) year

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

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

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

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

THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY. (As examples, this warranty excludes damages for lost time, travel to and from the Authorized Servicer, loss of or damage to media or images, data or other memory or recorded content. This list of items is not exhaustive, but for illustration only.)
In certain instances, some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or the exclusion of implied warranties, so the above limitations and exclusions may not be applicable. This warranty gives you specific legal rights and you may have other rights which vary depending on your province or territory.

<u>CONTACT INFORMATION</u>
For product information and operation assistance, please contact:
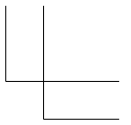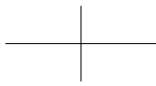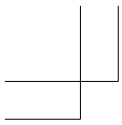
Our Customer Care Centre: Telephone #: 1-800-561-5505
                            Fax #:   (905) 238-2360

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

Index

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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