

Panasonic®

Operating Instructions

5.8 GHz Digital Cordless Phone

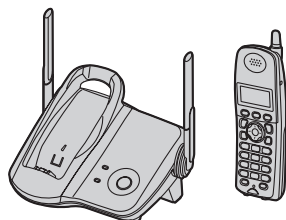
Model No. **KX-TG5621C**

5.8 GHz Expandable Digital Cordless Phone
with Two Handsets

Model No. **KX-TG5622C**

5.8 GHz Digital Cordless Phone
with Three Handsets

Model No. **KX-TG5623C**



Model shown is KX-TG5621C.

This unit is compatible with Call Display. To use this feature, you must subscribe to the appropriate service offered by your service provider.

Charge the handset battery for 7 hours before initial use.

Please read these Operating Instructions before using the unit and save for future reference.

For assistance, please call **1-800-561-5505** or visit us at **www.panasonic.ca**

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Introduction

Introduction

Thank you for purchasing a Panasonic cordless telephone.

We recommend keeping a record of the following information for future reference.

Serial No. _____ Date of purchase _____
(found on the bottom of the base unit)

Name and address of dealer _____

┌───┐
└───┘
Attach your purchase receipt here.

Introduction

About these operating instructions

These operating instructions can be used for KX-TG5621/KX-TG5622/KX-TG5623.

Descriptions of the multiple handsets and chargers

The following models include 2 or more handsets and a charger(s). Descriptions of the multiple handsets and chargers in these operating instructions are for the following models only:

KX-TG5622



KX-TG5623



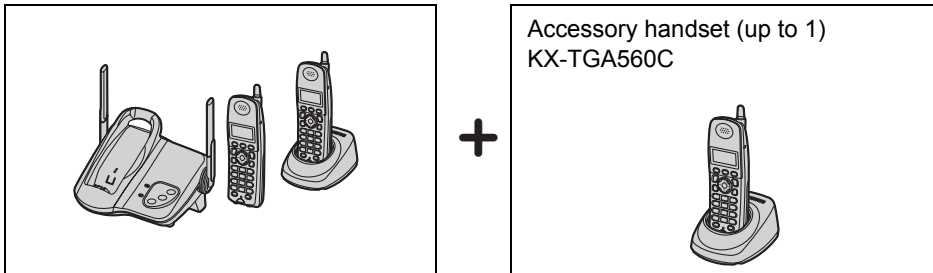
Symbols used in these operating instructions

Symbol	Meaning
Example: "Ringer ID"	Press [▲] or [▼] to select the words in quotations shown on the display.
→	Proceed to the next operation.
Example: [MENU] , [Phonebook]	The words in the brackets indicate the name of buttons, including soft keys (page 17) on the handset and base unit.
Example: [MENU] → [0][5][1] → Select the desired setting. → [Save] → [OFF]	Press [MENU] , then press [0] , [5] , [1] . Press [▲] or [▼] to select the desired setting. Press [Save] , then press [OFF] .

Introduction

Expanding your phone system

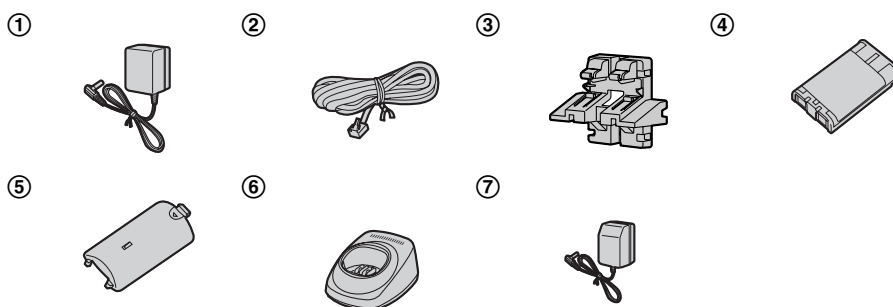
KX-TG5622 users can expand the system by adding an accessory handset sold separately (max. 3 handsets).



Introduction

Accessory information

Included accessories



No.	Accessory item	Quantity		
		KX-TG5621	KX-TG5622	KX-TG5623
①	AC adaptor for base unit	1	1	1
②	Telephone line cord	1	1	1
③	Wall mounting adaptor	1	1	1
④	Battery	1	2	3
⑤	Handset cover ^{*1}	1	2	3
⑥	Charger	—	1	2
⑦	AC adaptor for charger	—	1	2

*1 The handset cover comes attached to the handset.

Introduction

Additional/replacement accessories

Accessory item	Order number
Rechargeable nickel metal hydride (Ni-MH) battery	HHR-P104
Accessory handset with charger* ¹	KX-TGA560C
Headset	KX-TCA86, KX-TCA91, or KX-TCA92

*¹ KX-TG5622/KX-TG5623 only

Accessory item	KX-TG5621	KX-TG5622/KX-TG5623
Belt clip	PQKE10396Z1	PQKE10396Z2

Introduction

Important safety instructions

When using the product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read all instructions carefully.
2. Follow all warnings and instructions marked on the product.
3. Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners. Use a moist cloth for cleaning.
4. Do not use the product near water, for example near a bathtub, wash bowl, kitchen sink, etc.
5. Place the product securely on a stable surface. Serious damage and/or injury may result if the product falls.
6. Do not cover slots and openings on the product. They are provided for ventilation and protection against overheating. Never place the product near radiators, or in a place where proper ventilation is not provided.
7. Use only the power source marked on the product. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
8. Do not place objects on the power cord. Install the product where no one can step or trip on the cord.
9. Do not overload power outlets and extension cords. This can result in the risk of fire or electric shock.
10. Never push any objects through slots in the product. This may result in the risk of fire or electric shock. Never spill any liquid on the product.
11. To reduce the risk of electric shock, do not disassemble the product. Take the product to an authorized service centre when service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the product is subsequently used.
12. Unplug the product from power outlets and take to an authorized service centre when the following conditions occur:
 - A. When the power cord is damaged or frayed.
 - B. If liquid has been spilled into the product.
 - C. If the product has been exposed to rain or water.
 - D. If the product does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions. Improper adjustment may require extensive work by an authorized service centre.
 - E. If the product has been dropped or physically damaged.
 - F. If the product exhibits a distinct change in performance.
13. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning.
14. Do not use the product to report a gas leak, when in the vicinity of the leak.

**SAVE THESE
INSTRUCTIONS**

Introduction

CAUTION:

Installation

- Never install telephone wiring during a lightning storm.
- Never install telephone 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.
- Do not touch the plug with wet hands.
- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.

Battery

To reduce the risk of fire or injury to persons, read and follow these instructions.

- Use only the battery(ies) specified.
- Do not dispose of the battery(ies) in a fire. They may explode. Check with local waste management codes for special disposal instructions.
- Do not open or mutilate the battery(ies). Released electrolyte 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 battery(ies). Do not allow conductive materials such as rings, bracelets or keys to touch the battery(ies), otherwise a short circuit may cause the battery(ies) and/or the conductive material to overheat and cause burns.

- Charge the battery(ies) provided, or identified for use with the product only, in accordance with the instructions and limitations specified in this manual.

WARNING:

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- 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.

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 5.76 GHz to 5.84 GHz, and the power output is 200 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.

Introduction

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 distance and noise-free operation, we recommend the following:

- Placing the product away from electrical appliances.
- Placing the base unit in a HIGH and CENTRAL location with no obstructions such as walls.
- Raising the antennas vertically.
- If you use the handset near a microwave oven which is being used, noise may be heard. Move away from the microwave oven and closer to the base unit.
- If you use the handset near another cordless phone's base unit, noise may be heard. Move away from the other cordless phone's base unit and closer to your base unit.

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 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 near 5.8 GHz 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.

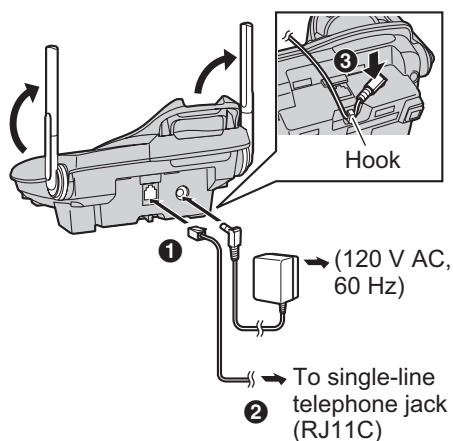
Preparation

Setting up the base unit

Connecting the AC adaptor and telephone line cord

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

- Use only the included Panasonic AC adaptor PQLV1.



Note:

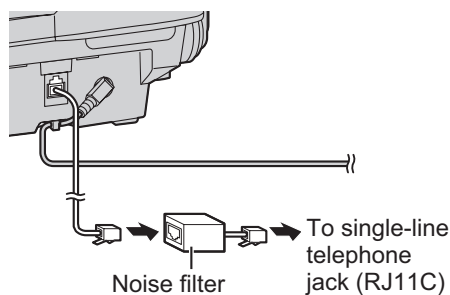
- The AC adaptor must remain connected at all times. (It is normal for the adaptor to be warm when in use.)
- The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it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

corded telephone to the same telephone line or to the same telephone jack using a T-adaptor.

If you subscribe to a DSL service

Please attach a noise filter (contact your DSL 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 (page 25) do not function properly.



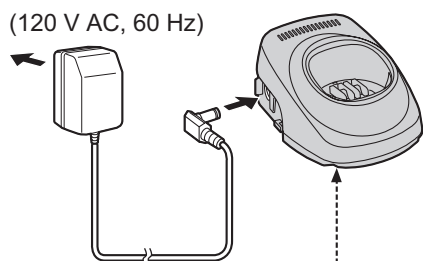
Preparation

Setting up the handset

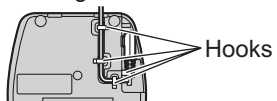
Connecting the charger

Available model(s):
KX-TG5622/KX-TG5623

- Use only the included Panasonic AC adaptor KX-TCA1.



Bottom of the charger

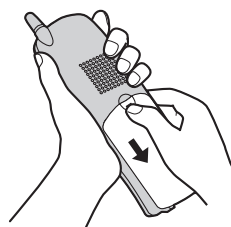


Fasten the AC adaptor cord to prevent it from being disconnected.

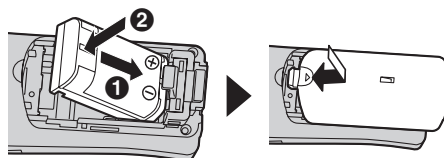
Battery installation/replacement

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

- If necessary, remove the old battery.



- 2 Insert the battery (1), and press it down until it snaps into position (2). Then close the handset cover.



Important:

- Use only the rechargeable Panasonic battery noted on page 7.

Preparation

Attention:



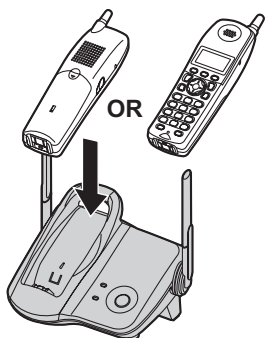
A nickel metal hydride battery that is recyclable powers the product you have purchased.

Please call 1-800-8-BATTERY (1-800-822-8837) for information on how to recycle this battery.

Battery charge

Place the handset on the base unit or charger for **7 hours** before initial use. While charging, "Charging" is displayed and the CHARGE indicator on the base unit lights. When the battery is fully charged, "Charge completed" is displayed.

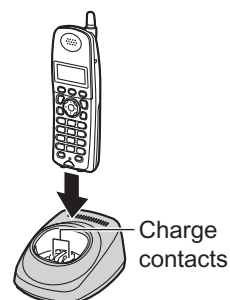
Base unit:



- Model shown is KX-TG5621.

Charger:

Available model(s):
KX-TG5622/KX-TG5623







Note:

- If you want to use the unit immediately, charge the battery for at least 15 minutes.
- To ensure that the battery charges properly, clean the charge contacts of the handset, base unit, and charger with a soft, dry cloth once a month. Clean more often if the unit is subject to the exposure of grease, dust, or high humidity.

Preparation

Battery level

Battery icon	Battery level
	Fully charged
	Medium
	Low Flashing: needs to be recharged.
	Empty

Note:

- When the battery needs to be charged, the handset beeps intermittently while it is in use.

Panasonic battery performance

Operation	Operating time
While in use (talking)	Up to 5 hours
While not in use (standby)	Up to 11 days
While using the clarity booster feature (page 20)	Up to 3 hours

Note:

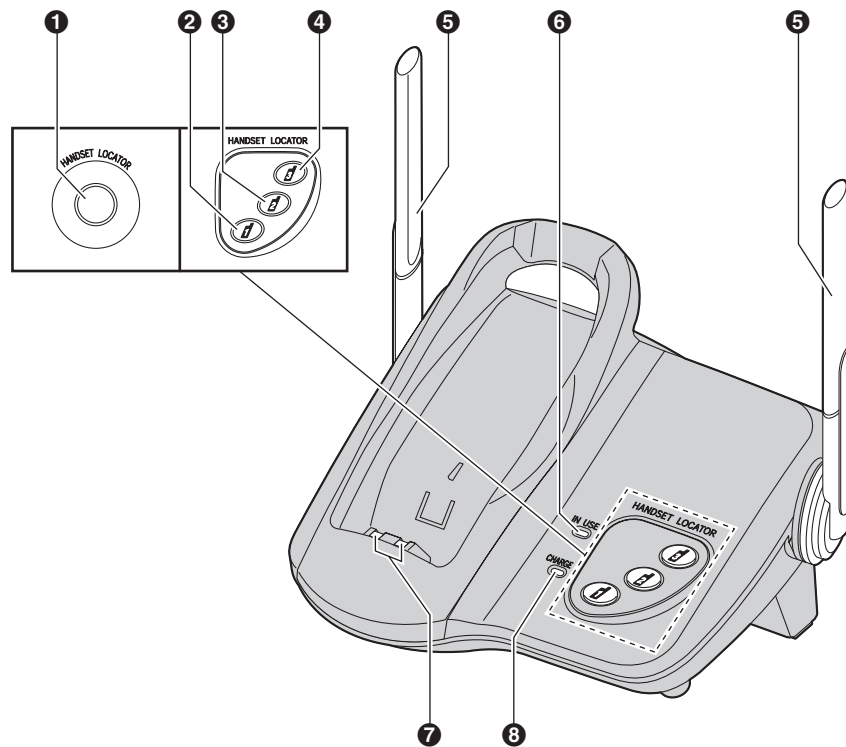
- Battery operating time may be shortened over time depending on usage conditions and surrounding temperature.
- Battery power is consumed whenever the handset is off the base unit or charger, even when the handset is not in use. Hence the longer you leave the handset off the base unit or charger, the less time you may actually talk using the handset.

- After the handset is fully charged, displaying "Charge completed", it may be left on the base unit (or charger) without any ill effect on the battery.
- The battery level may not be displayed correctly after you replace the battery. In this case, place the handset on the base unit (or charger) and let charge for 7 hours.

Preparation

Controls

Base unit



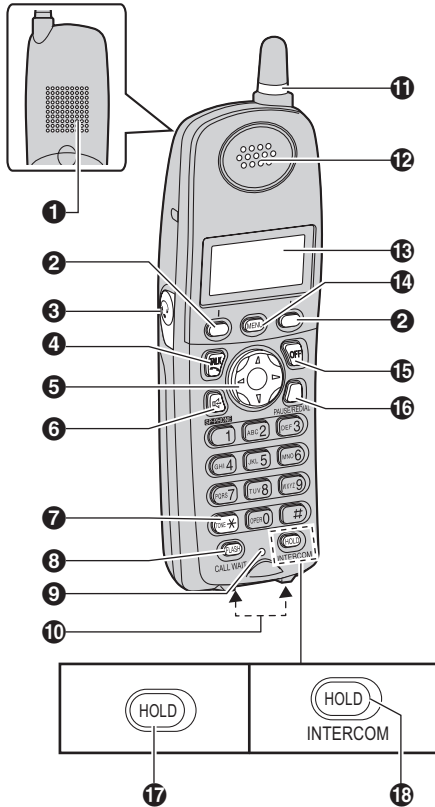
- ① [HANDSET LOCATOR]*¹
- ② [/] (HANDSET LOCATOR)*²
- ③ [/] (HANDSET LOCATOR)*²
- ④ [/] (HANDSET LOCATOR)*²
- ⑤ Antennas
- ⑥ IN USE indicator
- ⑦ Charge contacts
- ⑧ CHARGE indicator

*1 KX-TG5621

*2 KX-TG5622/KX-TG5623

Preparation

Handset



- ❶ Speaker
- ❷ Soft keys
- ❸ Headset jack
- ❹ [↶] (TALK)
- ❺ Navigator key ([▲] [▼] [◀] [▶])
- ❻ [☎] (SP-PHONE)
- ❼ [*] (TONE)
- ❽ [FLASH] [CALL WAIT]
- ❾ Microphone
- ❿ Charge contacts
- ⓫ Ringer indicator
Message indicator
- ⓬ Receiver
- ⓭ Display
- ⓮ [MENU]
- ⓯ [OFF]
- ⓰ [PAUSE/REDIAL]
- ⓱ [HOLD]*¹
- ⓲ [HOLD] [INTERCOM]*²

- ❿ Charge contacts
- ⓫ Ringer indicator
Message indicator
- ⓬ Receiver
- ⓭ Display
- ⓮ [MENU]
- ⓯ [OFF]
- ⓰ [PAUSE/REDIAL]
- ⓱ [HOLD]*¹
- ⓲ [HOLD] [INTERCOM]*²

*1 KX-TG5621

*2 KX-TG5622/KX-TG5623

Note:

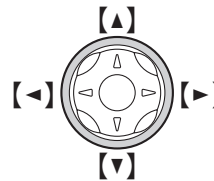
- Some operations not mentioned above are displayed as soft key selections during operation (page 17).
Example: [Mute]

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 [▶].

Adjusting audio volume

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

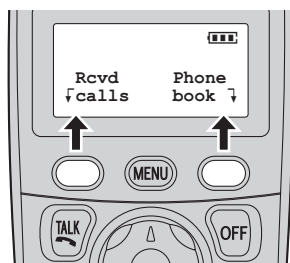


Preparation

Handset 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.

[Select], **[Save]**, **[OK]** and additional other functions are assigned to soft keys, pay attention to soft keys to find functions you need during handset operation.



Note:

- In these operating instructions, soft key names are written inside brackets, the same way as other unit keys.



Example:

Unit keys: **[**], **[OFF]**, etc.

Soft keys: **[Rcvd calls]**, **[Phonebook]**, etc.

Displays

Handset display items

Displayed item	Meaning
	Voice enhancer is on.
	Battery level

Setting the unit before use

Display language

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

- 1 **[MENU]** → **[0][8]**
- 2 Select the desired setting.
- 3 Press the right soft key to save. → **[OFF]**

Dialing mode

If you cannot make calls, change this setting depending on your telephone line service. The default setting is "Tone".

"Tone": For tone dial service.

"Pulse": For rotary pulse dial service.

- 1 **[MENU]** → **[0][5][1]**
- 2 Select the desired setting. → **[Save]** → **[OFF]**

Making/Answering Calls

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.

Note:

- "Line in use" is displayed when someone is talking on another handset (KX-TG5622/KX-TG5623) or another phone.

Using the speakerphone

- 1 Lift the handset, dial the phone number, and press **[☎]**.
 - Speak alternately with the other party.
- 2 When you finish talking, press **[OFF]**.

Note:

- Use the speakerphone in a quiet environment.
- To switch to the receiver, press **[↶]**.

Adjusting the receiver/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.

- 1 **[REDIAL]**
- 2 Press **[▲]** or **[▼]** to select the desired number.
- 3 **[↶]**

Erasing a number in the redial list

- 1 **[REDIAL]**
- 2 Press **[▲]** or **[▼]** to select the desired number. → **[Erase]** → **[Yes]** → **[OFF]**

PAUSE button (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service.

For example, if you need to dial the line access number "9" when making outbound calls with a PBX:

- 1 **[9]** → **[PAUSE]** → Dial the phone number.
- 2 **[↶]**







Note:

- A 3.5 second pause is inserted each time **[PAUSE]** is pressed. Press repeatedly to insert longer pauses.

Making/Answering Calls

Answering calls


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

- 1 Lift the handset and press **[]** or **[]**.
 - You can also answer the call by pressing any button except **[]**, **[]**, **[]**, **[]**, or **[OFF]**. (**Any key talk feature**)
- 2 When you finish talking, press **[OFF]**.

Note:

- You can change the ringer indicator light colour and the ringer tone. You can also adjust the handset ringer volume (page 32).

Auto talk

This feature allows you to answer a call by simply lifting the handset off the base unit or charger. You do not need to press **[]**. To activate this feature, see page 32.

Temporary ringer off

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


Useful features during a call

HOLD button

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

KX-TG5621



Press **[HOLD]** during an outside call.

- To release the hold, press **[]**.

Note:

- If another phone is connected on the same line (page 11), you can also take the call by lifting its handset.
- If a call is kept on hold for more than 6 minutes, an alarm tone starts to sound. After 4 additional minutes on hold, the call is disconnected.

KX-TG5622/KX-TG5623

- 1 Press **[HOLD]** during an outside call.
 - To transfer the call to another handset, continue from step 2 on page 37, "Transferring calls between handsets, conference calls".
- 2 Press **[HOLD]** again.
 - To release the hold, press **[]**.
 - Another handset user can take the call by pressing **[]**.

Note:

- If another phone is connected on the same line (page 11), you can also take the call by lifting its handset.
- If a call is kept on hold for more than 6 minutes, an alarm tone starts to sound.

Making/Answering Calls

After 4 additional minutes on hold, the call is disconnected.

Mute

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

To mute your voice, press **[Mute]**.

- To return to the conversation, press **[Mute]** or **[↶]**.

Note:

- **[Mute]** is a soft key visible on the handset display during a call.

FLASH button

Pressing **[FLASH]** allows you to use special features of your host PBX such as transferring an extension call, or accessing optional telephone services such as Call Waiting.

Note:

- To change the flash time, see page 33.

For Call Waiting service users

To use Call Waiting, you must subscribe to your telephone company's Call Waiting service.

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

Press **[CALL WAIT]** to answer the 2nd call.

- To switch between calls, press **[CALL WAIT]**.

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. You can also turn this feature on or off manually.

1 Press **[MENU]** during an outside call.

2 Press **[2]** to select "Booster on" or "Booster off".

Note:

- When this feature is turned off manually during a call, it is not turned on automatically during the same call.
- While this feature is turned on;
 - the battery operating time is shortened (page 14).
 - the maximum number of extensions that can be used at a time may decrease when you have 3 handsets.

Making/Answering Calls

Handset voice enhancer

This feature clarifies the voice of the person you are talking to, reproducing a more natural-sounding voice that is easier to hear and understand (page 33).

Press **[(VE)]** during an outside call to turn on or off this feature.

- When this feature is turned on, **[(VE)]** is displayed.

Note:

- **[(VE)]** is a soft key visible on the handset display during an outside call.
- Depending on the condition and quality of your telephone line, this feature may emphasize existing line noise. If it becomes difficult to hear, turn this feature off.

Call share

Available model(s):
KX-TG5622/KX-TG5623

This feature allows the handset to join an existing outside call.

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

Note:

- A maximum of 3 parties (including 1 outside party) can join a conversation using 2 extensions.

Phonebook

Handset phonebook

You can add up to 50 items to the handset phonebook and search for phonebook items by name.

Adding items to the phonebook

1 [Phonebook]

2 [Add]

3 Enter the name (max. 16 characters).
→ **[Next]**

4 Enter the phone number (max. 32 digits). → **[Next]** → **[Save]**

- To add other items, repeat from step 2.

5 [OFF]

Note:

- Call Display subscribers can use ringer ID and light-up ID features (page 25, 26).

Character table

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

Key	Character
[9]	w x y z W X Y Z 9
[0]	0 Space
[*]	*
[#]	#

- To enter another character that is located on the same dial key, first press **[▶]** to move the cursor to the next space.

Editing/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 item

Phonebook items can be searched for alphabetically by scrolling through the phonebook items or by entering the first initial.

Searching for a name alphabetically by scrolling through all items

1 [Phonebook] → **[Search]**

2 Press **[▲]** or **[▼]** to select the desired item.

3 Press **[↶]** to dial the phone number.

Phonebook

Searching for a name by initial

- 1** **[Phonebook]** → **[Search]**
- 2** Press the dial key (**[0]** to **[9]**, **[#]**, or **[*]**) that corresponds to the first letter you are searching for (see the character table, page 22).
Example: "LISA"
 Press **[5]** repeatedly to display the first phonebook entry starting with the initial "L" and go to step 3.
 - If there is no item corresponding to the letter you selected, the next item is displayed.
- 3** Press **[v]** to select the desired item.
- 4** Press **[↶]** to dial the phone number.

Editing items in the phonebook

- 1** Find the desired item (page 22, 23). → **[Option]** → "Edit" → **[Select]**
- 2** Edit the name if necessary (see the character table, page 22). → **[Next]**
- 3** Edit the phone number if necessary. → **[Next]** → **[Save]** → **[OFF]**

Erasing items in the phonebook

- 1** Find the desired item (page 22, 23).
- 2** **[Erase]** → **[Yes]** → **[OFF]**

Chain dial

This feature allows you to dial phone numbers in the handset 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 handset phonebook, without having to dial manually.

- 1** During an outside call, press **[MENU]**.
- 2** "Phonebook" → **[Select]**
- 3** Find the desired item (page 22, 23). → **[Call]**

Note:

- When storing a calling card access number and your PIN in the phonebook as one phonebook item, press **[PAUSE]** to add pauses after the number and PIN as necessary (page 18).
- If you have rotary or pulse service, you need to press **[*]** before pressing **[MENU]** in step 1 to change the dialing mode temporarily to tone.

Phonebook

Copying handset phonebook items

Available model(s):
KX-TG5622/KX-TG5623

You can copy one or all of the phonebook items from one handset to another.

Important:

- Ringer ID and light-up ID settings for phonebook items are not copied.

Copying an item

- 1 **[MENU]** → **[#][1]**
- 2 Select the destination unit by pressing **[▲]** or **[▼]**. → **[Next]**
- 3 Find the desired item (page 22, 23). → **[Send]**
- 4 Press **[OFF]** after the long beep.

Copying all items

- 1 **[MENU]** → **[#][2]**
- 2 Select the destination unit by pressing **[▲]** or **[▼]**. → **[Send]**
- 3 Press **[OFF]** after the long beep.

Call Display Service

Using Call Display service

This unit is Call Display compatible. To use Call Display features, you must subscribe to your telephone company's Call Display service.

Call Display features

When an outside call is being received, the calling party's name and telephone number are displayed.

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

- Generally caller information is displayed from the 2nd ring.
- 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 called you long distance.
- If the unit is connected to a PBX system, caller information may not be received properly. Consult 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 number of missed calls is shown on the handset display. This lets you know if you should

view the caller list to see who called while you were out.

Private name display

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

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 item. When a call is received from a caller stored in the phonebook, the ringer is used after caller information is displayed.

If you select “No Ringer ID”, the handset uses the ringer tone you selected on page 32 when a call is received from that caller. The default setting is “No Ringer ID”.

- 1** Find the desired item (page 22, 23). → **[Option]**
- 2** “Ringer ID” → **[Select]**
- 3** Select the desired ringer tone.
- 4** **[Save]** → **[OFF]**

Call Display Service

Light-up ID

This feature can help you identify who is calling by using different ringer indicator colours for different callers stored in the handset phonebook. You can assign a different indicator colour to each handset phonebook item. When a call is received from a caller stored in the handset phonebook, the indicator colour is used after caller information is displayed. If you select "No Light-up ID", the handset uses the ringer indicator colour you selected on page 32 when a call is received from that caller.

The default setting is "No Light-up ID".

- 1 Find the desired item (page 22, 23). → **[Option]**
- 2 "Light-up ID" → **[Select]**
- 3 Select the desired ringer indicator colour.
- 4 **[Save]** → **[OFF]**

Visual Call Waiting service

If you subscribe to both Call Display and Visual Call Waiting services, the 2nd caller's information is displayed after you hear a Call Waiting tone (page 20). Please contact your telephone company for details and availability of this service in your area.

For Call Waiting Deluxe service users

To use Call Waiting Deluxe, you must subscribe to your telephone company's Call Waiting Deluxe service.

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

Important:

- Please contact your 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]** → **[0][5][4]**
- 2 Select the desired setting. → **[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 telephone company may not offer all of the options shown below.

Call Display Service

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 prerecorded hold message played by the telephone company.
Announcement	The caller will hear the prerecorded busy message played by the 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 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).

Displayed option	Function
Return	Returns to the waiting caller while keeping the current call on hold.
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.

Call Display Service

Caller list

Viewing the caller list and calling back

- 1 Press **[▲]** or **[▼]** to enter the caller list.
- 2 Press **[▼]** to search from the most recent call, or **[▲]** to search from the oldest call.
- 3 **[↶]**

Note:

- KX-TG5622/KX-TG5623:
Each handset has its own caller list. If you viewed the caller list or answered a call on one handset, the same information in the other handsets is displayed as **"missed calls"**.
- You can also press **[Rcvd calls]** to enter the caller list.
- If the same caller calls more than once, it is displayed with the number of times the caller called ("x2" to "x9"). Only the date and time of the most recent call is stored.
- A **✓** is displayed next to items which have already been viewed or answered.

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 Press **[▲]** or **[▼]** to enter the caller list.
- 2 Select the desired item. → **[Select]**
- 3 Press **[Edit]** repeatedly until the phone number is shown in the desired format.

- ① 1 – Area code – Local phone number

Example:

- ② Local phone number

Example:

- ③ Area code – Local phone number

Example:

4 **[↶]**

Note:

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

Storing caller information into the phonebook

- 1 Press **[▲]** or **[▼]** to enter the caller list.
- 2 Select the desired item. → **[Select]**
 - To edit the number, press **[Edit]** repeatedly until the phone number is shown in the desired format.
- 3 **[Save]**
 - If there is the name information for the caller, skip to step 5.

Call Display Service

4 Enter the name (see the character table, page 22). → **[Next]** → **[Save]**

5 [OFF]

Erasing selected caller information

1 Press **[▲]** or **[▼]** to enter the caller list.

2 Select the desired item.

3 [Erase] → **[Yes]** → **[OFF]**

Erasing all caller information

1 Press **[▲]** or **[▼]** to enter the caller list.

2 [All erase] → **[Yes]**

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 30) or using the direct commands (page 32).

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

Programming by scrolling through the display menus

1 [MENU]

2 Press [▲] or [▼] to select the desired menu. → [Select]

- If there is a sub-menu(s), press [▲] or [▼] to select the desired item. → [Select]

Example: To access the handset ringer tone setting

Press [▲] or [▼] to select "Ringer setting". → [Select]

Then press [▲] or [▼] to select "Ringer tone". → [Select]

3 Press [▲] or [▼] to select the desired setting.

- This step may vary depending on the feature being programmed.

4 [Save] → [OFF]

Main menu	Sub-menu 1	Sub-menu 2	Page
V.M. access	-	-	page 35
Ringer setting	Ringer volume	-	-
	Ringer tone	-	-
	Ring colour	-	-
Voice enhancer	-	-	-
Copy phonebook ^{*1}	Copy 1 item	-	page 24
	Copy all items	-	page 24
Customer support	-	-	page 33

Programming

Main menu	Sub-menu 1	Sub-menu 2	Page
Initial setting	Voice Mail	Store VM access# ^{*2}	page 34
		VM tone detect ^{*2}	page 34
	Message alert	–	page 35
	LCD contrast	–	–
	Key tone	–	–
	Auto talk	–	–
	Set tel line	Set dial mode ^{*2}	page 17
		Set flash time ^{*2}	–
		Set line mode ^{*2}	–
		C.WTG options ^{*2}	page 26
	Registration	–	page 37
Change language	–	page 17	

*1 KX-TG5622/KX-TG5623

*2 If you program these settings using one of the handsets, you do not need to program the same item using another handset (KX-TG5622/KX-TG5623).

Programming

Programming using the direct commands

1 [MENU]

2 Enter the desired feature code.

3 Enter the desired setting code.

- This step may vary depending on the feature being programmed.

4 [Save] → [OFF]

Note:

- In the following table:
 - < > shows the default setting.
 - If “System setting” column is checked, you do not need to program the same item using another handset (KX-TG5622/KX-TG5623).
- If you make a mistake or enter the wrong code, press [OFF], then start again by pressing [MENU].

Feature	Feature code	Setting code	System setting
Auto talk ^{*1}	[0][3]	[1]: On [0]: <Off>	–
Change language (Display language)	[0][8]	[1]: <English> [2]: Français (page 17)	–
Copy phonebook (1 item) ^{*2}	[#][1]	(page 24)	–
Copy phonebook (All items) ^{*2}	[#][2]	(page 24)	–
Key tone ^{*3}	[0][2]	[1]: <On> [0]: Off	–
LCD contrast (Display contrast)	[0][1]	[1]–[6]: Level 1–6 <3>	–
Message alert	[0][#]	[1]: On [0]: <Off>	–
Registration	[0][0]	(page 37)	–
Ring colour (Ringer indicator colour)	[1][4]	[1]: <Colour1>=Amber [2]: Colour2=Green [3]: Colour3=Red [4]: Multicolour	–
Ringer tone ^{*4}	[1][2]	[1]–[3]: Tone <1>–3 [4]–[7]: Melody 1–4	–
Ringer volume	[1][1]	[1]: Low [2]: Medium [3]: <High> [0]: Off	–
Set dial mode	[0][5][1]	[1]: Pulse [2]: <Tone> (page 17)	●

Programming

Feature	Feature code	Setting code	System setting
Set flash time ^{*5}	[0][5][2]	[1]: <700ms> [2]: 600ms [3]: 400ms [4]: 300ms [5]: 250ms [6]: 110ms [7]: 100ms [8]: 90ms	●
Set line mode ^{*6}	[0][5][3]	[1]: A [2]: 	●
Store VM access#	[0][7][1]	(page 34)	●
V.M. access	[3]	(page 35)	—
VM tone detect	[0][7][2]	[1]: <On > [0]: Off	●
Voice enhancer	[5]	[1]: On [0]: <Off>	—

*1 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.

*2 KX-TG5622/KX-TG5623

*3 You can select whether or not key tones are heard when keys are pressed. Includes confirmation tones and error tones.

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

*6 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".

Customer support

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

[MENU] → "Customer support" → [Select] → [OFF]

Voice Mail Service

Using Voice Mail service

Voice Mail is an automatic answering service offered by your telephone service provider. After you subscribe to this service, the telephone service provider's Voice Mail system will answer calls for you when you are unavailable to answer the phone or when your line is busy. Messages are recorded by the telephone service provider, not your telephone.

Important:

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

Storing the Voice Mail (VM) access number

In order to listen to your Voice Mail messages, you must dial your telephone service provider's Voice Mail access number. Once you have stored your Voice Mail access number, you can dial it automatically (page 35).

1 [MENU] → [0][7][1]

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

Note:

- When storing your Voice Mail access number and your mailbox password, press [PAUSE] to add pauses (page 18) between the access number and the password as necessary. Consult your telephone service provider for the required pause time.

Example:

1-222-333-4444	PPPP	8888
VM access number	Pauses	Password

To erase the Voice Mail access number

Repeat step 1, then press and hold [Clear] until all digits are erased. Press [Save], then press [OFF].

Voice Mail (VM) tone detection

Your telephone service provider 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 will check 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 telephone service provider does not send Voice Mail tones.
 - Your phone is connected to a PBX.
- If you are not sure which setting is required, consult your telephone service provider.

Voice Mail Service

Turning VM detection on/off

The default setting is "On".

- 1 [MENU] → [0][7][2]
- 2 Select the desired setting. → [Save] → [OFF]

Listening to Voice Mail messages

The unit lets you know that you have new Voice Mail messages in the following ways:

- "Voice Mail" is displayed on the handset.
- The message indicator on the handset flashes slowly if message alert feature is turned on.

- 1 Press [↶], then press [VM] within 15 seconds.

- If [VM] is not displayed, the Voice Mail access number has not been stored. Store the number (page 34).

OR

[MENU] → "V.M. access" → [Select]

- The speakerphone turns on.

- 2 Follow the prerecorded instructions.

- 3 Press [OFF] when finished.

Note:

- If "Voice Mail" still remains on the display even after you have listened to new messages, turn it off by pressing and holding [OFF] until the handset beeps.
- If your Voice Mail service uses Voice Mail tones and the 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.

Message alert

Message alert controls the message indicator on the handset once it turns on, message indicator flashes slowly when there are new recorded messages in the Voice Mail system.

- 1 [MENU] → [0][#]
- 2 Select the desired setting. → [Save] → [OFF]

Note:

- While message alert is on, battery operating time is shortened.

Multi-unit Operation

Handset locator

KX-TG5621

- 1 Base unit:**
[**HANDSET LOCATOR**]
 - The handset beeps for 1 minute.
- 2 Base unit:**
To stop paging, press [**HANDSET LOCATOR**].
Handset:
To stop paging, press [**OFF**].

KX-TG5622/KX-TG5623

- 1 Base unit:**
[**1**], [**2**], or [**3**]
 - The handset beeps for 1 minute.
- 2 Base unit:**
To stop paging, press [**1**], [**2**], or [**3**].
Handset:
To stop paging, press [**OFF**].

Intercom

Available model(s):
KX-TG5622/KX-TG5623

Intercom calls can be made between 2 handsets.

Note:

- If you receive a phone call while talking on the intercom, you hear 2 tones. To answer the call, press [**OFF**], then press [**↶**].

Making an intercom call

- 1 [INTERCOM]**
- 2** Enter the extension number ([**1**] – [**3**]).
 - The destination handset beeps for 1 minute.
- 3** To end the intercom call, press [**OFF**].

Answering an intercom call

- 1** Press [**↶**] to answer the page.
- 2** To end the intercom call, press [**OFF**].

Note:

- When the ringer volume is set to off, the handset rings at the low level for intercom calls.

Multi-unit Operation

Transferring calls between handsets, conference calls

Available model(s):
KX-TG5622/KX-TG5623

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** Enter the extension number **([1] – [3])**.
- 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 another handset.

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 transferred calls

Press **[↶]** to answer the page.

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

Registering a handset

The included handset and base unit are preregistered. If for some reason the handset is not registered to the base unit, register the handset.

KX-TG5621

- 1 Handset:**
[MENU] → [0][0]
- 2 Base unit:**
Press and hold **[HANDSET LOCATOR]** until the **CHARGE** indicator flashes.
 - After the **CHARGE** indicator starts flashing, the rest of the procedure must be completed within 1 minute.
- 3 Handset:**
Press **[OK]**, then wait until the handset beeps.

KX-TG5622/KX-TG5623

Important:

- If you accidentally assign another handset's extension number to the base unit, the originally assigned handset stops functioning. Confirm the extension number of the handset by placing it on the base unit or charger. Lift the handset from the base unit or charger before registering.

- 1 Handset:**
[MENU] → [0][0]



Multi-unit Operation

2 Base unit:

Press and hold **[]**, **[]**, or **[]** until the CHARGE indicator flashes.

- After the CHARGE indicator starts flashing, the rest of the procedure must be completed within 1 minute.

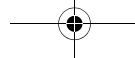
3 Handset:

Press **[OK]**, then wait until the handset beeps.

Registering an additional handset

See page 5 for information on the available models and extension numbers.

Start from step 2.

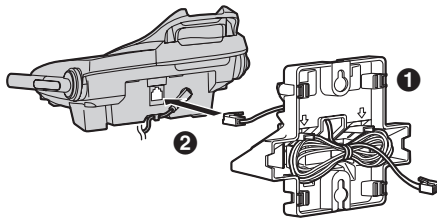


Useful Information

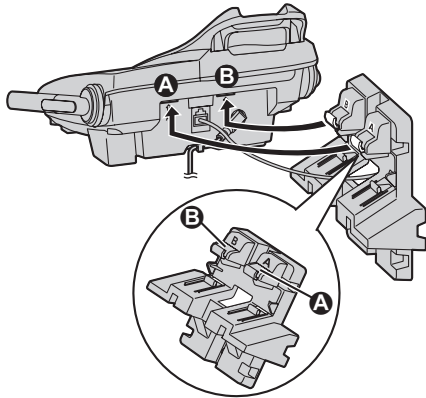
Wall mounting

Base unit

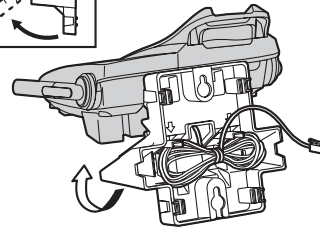
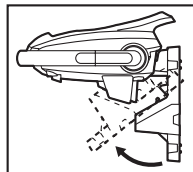
- 1 Tuck the telephone line cord inside the wall mounting adaptor (1). Connect the telephone line cord (2).



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



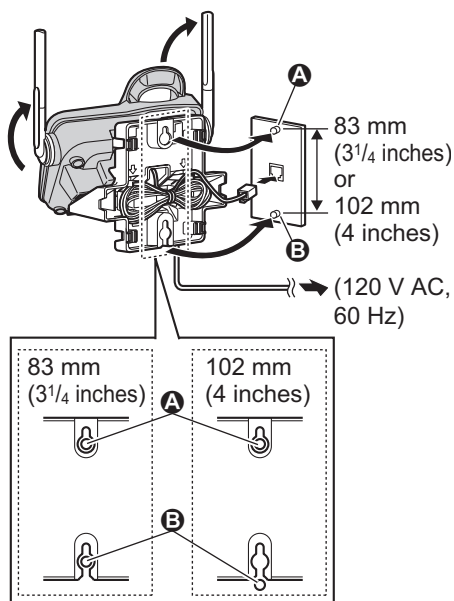
- 3 Adjust the adaptor to hold the base unit, then push it in the direction of the arrow until it clicks into place.



Useful Information

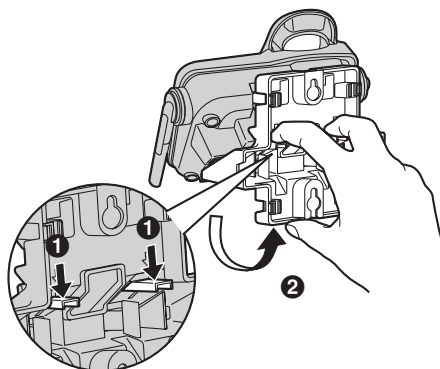
4 Connect the telephone line cord. Mount the unit by inserting the mounting pins into the round openings on the adaptor (for pin **B**, use round cut out at the bottom of the adaptor if you are using the 4 inches phone plate), and then slide the unit down to secure it. Connect the AC adaptor to a power outlet (page 11).

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



To remove the wall mounting adaptor

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

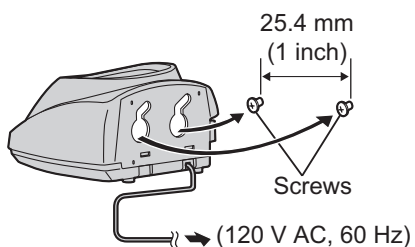


Useful Information

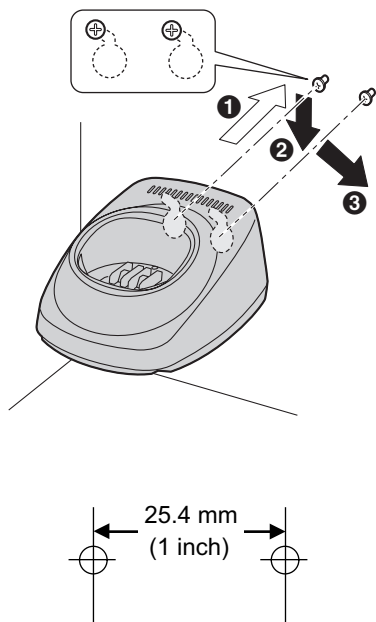
Charger

Available model(s):
KX-TG5622/KX-TG5623

- 1 Drive the screws (not included) into the wall using the wall template as a guide.



- 2 Mount the charger (1), then slide it down (2) and to the right (3) until it is secure.



Headset (optional)

Connecting a headset to the handset allows hands-free phone conversations. We recommend using the Panasonic headset noted on page 7.



- Headset shown is KX-TCA86.

Switching a call between the headset and handset speakerphone

To switch to the handset speakerphone, press [4].

To return to the headset, press [5].

Useful Information

Error messages

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

Display message	Cause/solution
Busy ^{*1}	<ul style="list-style-type: none"> • Another handset or the called handset unit is in use. • The handset you tried to copy phonebook items to is in use. • The handset you are calling is too far from the base unit.
Error!!	<ul style="list-style-type: none"> • The handset's registration has failed. Move the handset and base unit away from all electrical appliances and try again. • Another handset user tried to send phonebook items to you but there was an error. Have the other handset user re-send the items to you (page 24).^{*1}
---Incomplete--- Phonebook full ^{*1}	<ul style="list-style-type: none"> • The destination unit's phonebook memory is full. Erase unnecessary items from the destination unit's phonebook (page 23).
Invalid ^{*1}	<ul style="list-style-type: none"> • There is no handset registered to the base unit matching the extension number you entered.
No items stored	<ul style="list-style-type: none"> • Your phonebook or redial list is empty.
No link to base. Move closer to base, try again.	<ul style="list-style-type: none"> • The handset has lost communication with the base unit. Move closer to the base unit, and try again. • Confirm that the base unit's AC adaptor is plugged in. • Raise the base unit antennas. • The handset's registration may have been cancelled. Re-register the handset (page 37).
Phonebook full	<ul style="list-style-type: none"> • There is no space to store new items in the phonebook. Erase unnecessary items (page 23).
Please lift up and try again.	<ul style="list-style-type: none"> • A handset button was pressed while the handset was on the base unit or charger. Lift the handset and press the button again.
System is busy. Please try again later. ^{*1}	<ul style="list-style-type: none"> • Other units are in use and the system is busy. Try again later.



Useful Information

Display message	Cause/solution
Store VM access#	● You have not stored the Voice Mail access number. Store the number (page 34).

*1 KX-TG5622/KX-TG5623



Useful Information

Troubleshooting



General use

Problem	Cause/solution
The unit does not work.	<ul style="list-style-type: none"> • Make sure the battery is installed correctly and fully charged (page 12, 13). • Check the connections (page 11). • 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 37).
I cannot hear a dial tone.	<ul style="list-style-type: none"> • Confirm the telephone line cord is properly connected (page 11). • Disconnect the unit from the telephone line and connect 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 telephone company.

Programmable settings

Problem	Cause/solution
While programming, the handset starts to ring.	<ul style="list-style-type: none"> • A call is being received. Answer the call and start again after hanging up.

Battery recharge

Problem	Cause/solution
I charged the battery fully, but  continues to flash, or  is displayed.	<ul style="list-style-type: none"> • Clean the charge contacts and charge again (page 13). • The battery may need to be replaced with a new one (page 12).
The handset display is blank.	<ul style="list-style-type: none"> • Confirm that the battery is properly installed. • Fully charge the battery (page 13).

Useful Information

Making/answering calls, intercom

Problem	Cause/solution
Static is heard, sound cuts in and out. Interference from other electrical units.	<ul style="list-style-type: none"> ● Move the handset and the base unit away from other electrical appliances. ● Move closer to the base unit. ● Raise the base unit antennas. ● Turn on the clarity booster feature (page 20). ● If your unit is connected to a telephone line with DSL service, we recommend connecting a noise filter between the base unit and the telephone line jack. Contact your DSL provider for details.
The handset does not ring.	<ul style="list-style-type: none"> ● The ringer volume is turned off. Adjust it (page 32).
I cannot make a call.	<ul style="list-style-type: none"> ● The dialing mode may be set incorrectly. Change the setting (page 17). ● Another handset is in use. Try again later.*1
I cannot redial by pressing [REDIAL] .	<ul style="list-style-type: none"> ● If the last number dialed was more than 48 digits long, the number will not be redialed correctly. Dial the number manually.
I cannot have a conversation using the headset.	<ul style="list-style-type: none"> ● Make sure that an optional headset is connected properly (page 41). ● If "SP-phone" is displayed on the handset, press [↶] to switch to the headset.
I cannot make long distance calls.	<ul style="list-style-type: none"> ● Make sure that you have long distance service.
I cannot page the handset.	<ul style="list-style-type: none"> ● The called handset is too far from the base unit. ● The called handset is in use. Try again later.

*1 KX-TG5622/KX-TG5623

Useful Information

Phonebook

Problem	Cause/solution
Copying stopped with an item displayed.* ¹	<ul style="list-style-type: none"> The destination handset may have lost communication with the base unit, or the destination unit user may have pressed [↶] or [📞]. The displayed phonebook item was not copied to the unit. Press [OFF]. Confirm that the destination unit is not in use and try again.

*1 KX-TG5622/KX-TG5623

Call Display

Problem	Cause/solution
The handset does not display the caller's name and/or phone number.	<ul style="list-style-type: none"> You have not subscribed to Call Display service. Contact your telephone company to subscribe. If your unit is connected to any additional telephone equipment such as a Call Display box or cordless telephone jack, disconnect the unit from the equipment and plug the unit directly into the wall jack. If your unit is connected to a telephone line with DSL service, we recommend connecting a noise filter between the base unit and the telephone line jack. Contact your DSL provider for details. The name display service may not be available in some areas. Contact your telephone company for details. Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again. The caller requested not to send caller information (page 25). If a call is being transferred to you, the caller information is not displayed.
I cannot dial the phone number edited in the caller list.	<ul style="list-style-type: none"> The phone number you dialed might have an incorrectly edited pattern (for example, the long distance "1" or the area code is missing). Edit the phone number with another pattern (page 28).

Useful Information

Problem	Cause/solution
The 2nd caller's information is not displayed during an outside call. (Visual Call Waiting feature does not function.)	<ul style="list-style-type: none">• In order to use Call Display, Call Waiting, or Visual Call Waiting, you must first contact your telephone company and subscribe to the desired service. After subscribing, you may need to contact your telephone company again to activate this specific service, even if you already subscribed to both Call Display and Visual Call Waiting services.

Useful Information

Important 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.

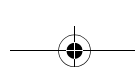
Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near, or on top of, a TV or VCR. If interference is experienced, move the cordless telephone further away from the TV or VCR. This will often reduce, or eliminate, interference.



Useful Information

RF Exposure Warning:

The 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 with its antenna located 20 cm (8 inches) or more between antenna and all person's body (excluding extremities of hands, wrist and feet). The handset may be carried and operated with only the optional specific belt-clip. Other non-tested belt-clips or similar body-worn accessories may not comply and must be avoided. The product must not be collocated or operated in conjunction with any other antenna or transmitter.



Useful Information

Specifications

General

Operating environment	5 °C – 40 °C (41 °F – 104 °F)
Frequency	5.76 GHz – 5.84 GHz

Base unit

Dimensions	Approx. height 95 mm x width 174 mm x depth 143 mm (3 ³ / ₄ inches x 6 ²⁷ / ₃₂ inches x 5 ⁵ / ₈ inches)
Mass (Weight)	Approx. 320 g (0.71 lb.)
Power consumption	Standby: Approx. 2.2 W Maximum: Approx. 4.7 W
Power output	200 mW (max.)
Power supply	AC adaptor (120 V AC, 60 Hz)

Handset

Dimensions	Approx. height 173 mm x width 48 mm x depth 33 mm (6 ¹³ / ₁₆ inches x 1 ⁷ / ₈ inches x 1 ⁵ / ₁₆ inches)
Mass (Weight)	Approx. 170 g (0.37 lb.)
Power output	200 mW (max.)
Power supply	Ni-MH battery (3.6 V, 830 mAh)

Charger^{*1}

Dimensions	Approx. height 51 mm x width 88 mm x depth 100 mm (2 inches x 3 ¹⁵ / ₃₂ inches x 3 ¹⁵ / ₁₆ inches)
Mass (Weight)	Approx. 94 g (0.21 lb.)
Power consumption	Standby: Approx. 0.8 W Maximum: Approx. 3.6 W
Power supply	AC adaptor (120 V AC, 60 Hz)

*1 KX-TG5622/KX-TG5623

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™ locator" under "Customer support"

Panasonic Factory Service:

<u>Vancouver</u>	<u>Toronto</u>
Panasonic Canada Inc.	Panasonic Canada Inc.
12111 Riverside Way	5770 Ambler Drive
Richmond BC V6W 1K8	Mississauga ON L4W 2T3
Tel: (604) 278-4211	Tel: (905) 624-8447
Fax: (604) 278-5627	Fax: (905) 238-2418

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.

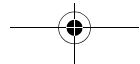
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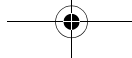
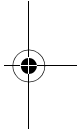
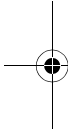


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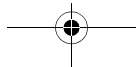


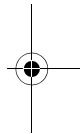
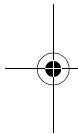
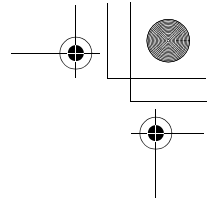
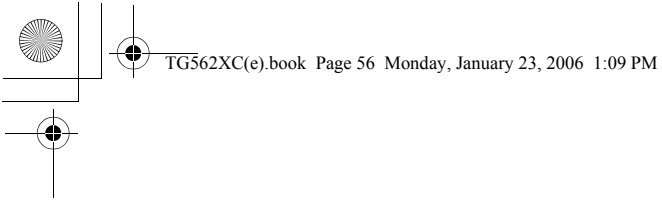
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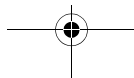
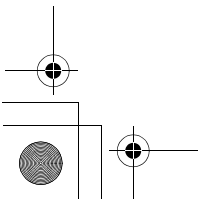
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