

Panasonic®

Operating Instructions

4-Line Phone Home Office | Small Business Additional Handset

Model No. **KX-TGWA41**

4LINE



*Before initial use, see “Getting Started”
on page 7.*

Thank you for purchasing a Panasonic product.

This unit is an additional handset compatible with KX-TGW420.

You must register this handset with your base unit (KX-TGW420) before it can be used.

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

Consulte “Guía Rápida Española”, página 30.

For assistance, visit our Web site: <http://shop.panasonic.com/support> for customers in the U.S.A.

Please register your product: <http://shop.panasonic.com/support>

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Accessory information

Supplied accessories

No.	Accessory item/Part number	Quantity
①	AC adaptor/PNLV253-0Z	1
②	Charger/PNLC1093ZB	1
③	Rechargeable battery/PNLT1001Z	1
④	Handset cover/PNYNTGWA41BR	1
⑤	Belt clip/PNKE2172Z1	1



Additional/replacement accessories

Please contact your nearest Panasonic dealer for sales information (page 34).













Accessory item	Model number/Specifications
Headset	KX-TCA430

Other information

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

Introduction

Graphical symbols for use on equipment and their descriptions

Symbol	Explanation	Symbol	Explanation
	Alternating current (A.C.)		Class II equipment (equipment in which protection against electric shock relies on Double Insulation or Reinforced Insulation)
	Direct current (D.C.)		"ON" (power)
	Protective earth		"OFF" (power)
	Protective bonding earth		Stand-by (power)
	Functional earth		"ON"/"OFF" (power; push-push)
	For indoor use only		Caution, risk of electric shock

Important Information

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 us at <http://shop.panasonic.com/support>
- 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.

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 112 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

- 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 with or identified for use with this product only, in accordance with the instructions and limitations specified in this manual.
- Only use a compatible charger to charge the battery(ies). Do not tamper with the charger. Failure to follow these instructions may cause the battery(ies) 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.

For assistance, please visit <http://shop.panasonic.com/support>

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Important Information

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 cordless 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 heating devices, cooking appliances, 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.

Notice

- This product is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Cet appareil est conçu pour être utilisé aux États-Unis d'Amérique. La vente ou l'emploi de cet appareil dans certains autres pays peut constituer une infraction à la législation locale.
- Este producto está diseñado para usarse en los Estados Unidos de América. La venta o el empleo de este producto en ciertos países puede constituir violación de la legislación local.
- 本產品專為美國使用而設。若在其他國家銷售或使用，可能會違反當地法例。
- この製品は、日本国外での使用を目的として設計されており、日本国内での使用は法律違反となります。従って、当社では日本国内においては原則として修理などのサービスは致しかねます。

Specifications

- **Frequency range:** 1.92 GHz to 1.93 GHz
- **RF transmission power:** 112 mW (max.)
- **Power source:** 120 V AC, 60 Hz
- **Power consumption:** Standby: 0.1 W
Maximum: 2.0 W
- **Operating conditions:** 0 °C – 40 °C (32 °F – 104 °F), 20 % – 80 % relative air humidity (dry)

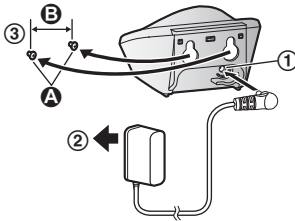
Setting up

Connections/Wall mounting

- ① Connect the AC adaptor to the unit by pressing the plug firmly.
 - ② Connect the AC adaptor to the power outlet.
 - ③ Drive the screws (A) (not supplied) into the wall, if necessary.
- B** 25.4 mm (1 inch)

Note:

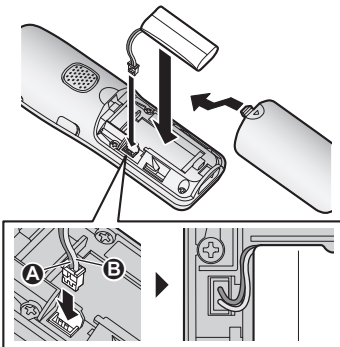
- Use only the supplied AC adaptor KSAS0050800015VUD.



Battery installation


- USE ONLY the specified battery.

- A** Black
- B** Red



Battery charging

Charge for about 14 hours.

- When the handset is placed on the charger, a beep is heard and “” scroll on the display.



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 horizontally oriented AC outlet that faces the floor, such as an AC outlet installed on a ceiling or under a table, as the weight of the adaptor may cause it to become disconnected.

Note for battery installation

- Use the supplied rechargeable battery. For replacement, we recommend using the rechargeable battery noted on page 3, 5.

Note for battery charging

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

Getting Started

Battery level

Icon	Battery level
	High
	Medium
	Low
	Empty

Ni-MH battery performance (supplied batteries)

Operation	Operating time
In continuous use	7 hours max.
Not in use (standby)	7 days max.

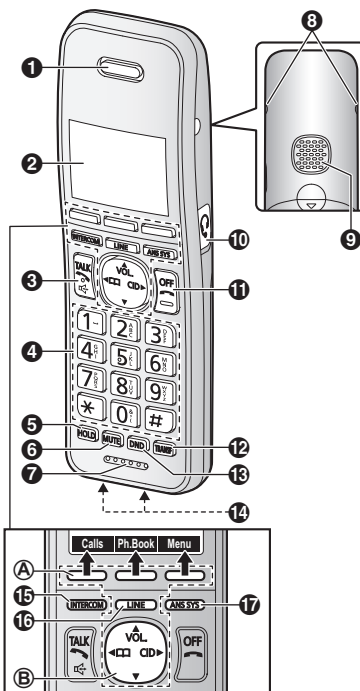
Note:

- Actual battery performance depends on usage and ambient environment.

Registering a handset to a base unit

- KX-TGWA41:**
Press **[REG]**
- KX-TGW420:**
Press and hold **[Spd Dial]**, then wait until a long beep sounds.

Controls



- Receiver
- Display
- [TALK/SP-PHONE]** (TALK/SP-PHONE: Speakerphone)
- Dial keypad
☒ : Temporary tone dialing
- [HOLD]**
- [MUTE]**
- Microphone
- Belt clip holes
- Speaker
- Headset jack
- [OFF]**
- [TRANSF]** (Transfer)
- [DND]** (Do not disturb)

- 14 Charge contacts
- 15 [INTERCOM]
- 16 [LINE]
- 17 [ANS SYS] (Answer system)

■ Control type

Ⓐ Soft keys

By pressing a soft key, you can select the feature shown directly above it on the display.

Ⓑ Navigator key

- [▲], [▼], [◀], or [▶]: Scroll through various lists and items.
- VOL. (Volume: [▲] or [▼]): Adjust the receiver or speaker volume while talking.
- [◀] □□: View the phonebook entry.
- [▶] CID (Caller ID): View the caller list.

Display icons

Handset display items

Item	Meaning
1 2 3 4	The line is in use. <ul style="list-style-type: none"> ● When flashing: <ul style="list-style-type: none"> – an incoming call is now being received. – the call is on hold.
📞	Speakerphone is on. (page 11)
🔋	Battery level
NEW	This is unviewed missed call.
✉	New messages have been recorded. (page 22)

Language setting

You can select either “English”, “Español”, “Français” or “Português” as the display language. The default setting is “English”.

- 1 [Menu]
- 2 [↕]: “Phone Settings” → [Select]
- 3 [↕]: “Language” → [Select]

- 4 [↕]: Select the desired setting. → [Select]

- 5 [OFF]

Recording your greeting message

You can record your own greeting message instead of using a pre-recorded greeting message. See page 21 for details.

- 1 [Menu]
- 2 [↕]: “Ans. System” → [Select]
- 3 [↕]: “MB Greeting” or “Announce Only” → [Select]
- 4 [↕]: “Record Greeting” or “Record Ann. Only” → [Select]
- 5 Record a greeting message. → [Save]
 - The greeting message is played back. To stop playback, press [Stop].
- 6 [OFF]

Other settings

Line selection mode

The line selection mode determines which line is selected when you press [📞] (when making/answering calls)

The following setting is available:

- “Auto” (default): When making a call, the available line is selected automatically.
- “Line1” to “Line4”: Corresponding line is selected first. If that line is unavailable, the next available line is selected.

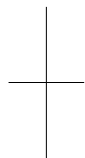
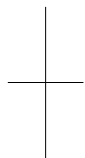
- 1 [Menu]
- 2 [↕]: “Line Settings” → [Select]
- 3 [↕]: “Priority Line” → [Select]
- 4 [↕]: Select the desired setting. → [Select]
- 5 [OFF]



Getting Started

Note:

- You can select a line manually regardless of the line selection mode by pressing **[LINE]** and the corresponding line number (**[1]** to **[4]**).



Making calls

- 1 Dial the phone number.
 - To correct a digit, press **[Clear]**.
- 2 Press to **[📞/📞]** make the call.
 - To make the call using the speakerphone, press **[📞/📞]** again.
 - An available line is automatically selected and corresponding line icon is displayed. To change the line selection mode, see page 9.
 - You can also select the line manually by pressing **[LINE]** and the corresponding line number (**[1]** to **[4]**).
- 3 When you finish talking, press **[OFF]** or place the handset on the charger.

Note:

- While talking, you can switch between the receiver and the speakerphone by pressing **[📞/📞]**.

Adjusting the receiver or speaker volume

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

Pause (for PBX/long distance service users)

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

Example: If you need to dial the line access number "9" when making outside calls with a PBX:

- 1 **[9]** → Press **[#]** 2 times.
- 2 Dial the phone number. → **[📞/📞]**

Note:

- A 3.5 second pause is inserted each time **[#]** is pressed 2 times.

Answering calls

- 1 Lift the handset and then press **[📞/📞]** when the unit rings.
 - The called line is automatically selected.
- 2 When you finish talking, press **[OFF]** or place the handset on the charger.

Adjusting the ringer volume

■ While the handset is ringing for an incoming call:

Press **[▲]** or **[▼]** repeatedly to select the desired volume.

■ While the handset is in standby mode:

Press **[▲]** or **[▼]** to select the desired line, then press **[◀]** or **[▶]** repeatedly to select the desired volume.

Do Not Disturb mode

Do not disturb mode allows you to select a period of time during which the unit will not ring for outside or intercom calls. This feature is useful for time periods when you do not want to be disturbed, for example, while sleeping.

- 1 **[DND]**
- 2 **[↕]**: Select the desired period which you wish to remain undisturbed (15 minutes - 24 hours).
- 3 **[Select]**
 - This feature is turned on and DND timer will appear on the bottom of the display.

Note:

- If you turn on the setting on the handset, the corresponding extension indicator on base unit and other desk phones lights to red.
- You can cancel the do not disturb mode by pressing **[DND]** again.

Making/Answering Calls

Useful features during a call

Hold

- 1 Press **[HOLD]** during an outside call.
 - During hold, the caller will hear beep, music or message. If you want to turn off, see the operating instructions for KX-TGW420.
- 2 **To release hold:**
Press **[LINE]** and the corresponding line number (**[1]** to **[4]**) or **[HOLD]**.

Note:

- While the call is put on hold, the corresponding line icons flash.

Mute

- 1 Press **[MUTE]** during a call.
- 2 To return to the call, press **[MUTE]**.

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 the operating instructions for KX-TGW420.

For call waiting or Call Waiting Caller ID service users

To use call waiting or Call Waiting Caller ID, you must first subscribe with your phone service provider.

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 Caller ID and Call Waiting with Caller ID services, the 2nd caller's information is displayed after you hear the call waiting tone on the base unit.

- 1 Press **[Flash]** to answer the 2nd call.
- 2 To switch between calls, press **[Flash]**.

Note:

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

Temporary tone dialing (for rotary/pulse service users)

Press **[X]** before entering access numbers which require tone dialing.

Call share

You can join an existing outside call.

To select the line that is being used for the call:

- press **[LINE]** and the corresponding line number (**[1]** to **[4]**).

Note:

- To prevent other users from joining your conversations with outside callers, select the line privacy mode to "on" (page 16).

Transferring calls

Outside calls can be transferred between 2 people.

- 1 During an outside call, press **[TRANSF]**.
[↕]: Select the desired unit. → **[Select]**
- 2 Wait for the paged party to answer.
 - If paged party does not answer, press **[Stop]** to return to the outside call.
- 3 Press **[OFF]**.
 - The outside call is being routed to the another unit.

Transferring a call without speaking to the other unit user

- 1 During an outside call, press **[TRANSF]**.
[↕]: Select the desired unit. → **[Select]**
- 2 Press **[OFF]**.
 - The outside call rings at the other unit.

Making/Answering Calls

Note:

- If the other unit user does not answer the call about 1 minute and 40 seconds, the call rings at your handset again.

Conference calls

3 people can establish a conference call.

Conference call with 2 outside calls

While you are talking with an outside caller, you can make or answer a 2nd call on the other line, and then combine the calls to establish a conference call.

- 1** During an outside call, press **[HOLD]**.
- 2 To make a 2nd call:**
press **[LINE]** and the corresponding line number (**[1]** to **[4]**), then dial the phone number.
To answer a 2nd call:
press **[LINE]** and the corresponding line number (**[1]** to **[4]**) which the 2nd call is being received.
- 3** When the 2nd call is connected, press **[Conf]**.
 - The 2 calls are combined.
 - To hang up only one line, press **[LINE]** and the corresponding line number (**[1]** to **[4]**) for the party with which you want to continue talking.
 - To put both lines on hold, press **[HOLD]**.
 - To talk with only one caller, press **[LINE]** and the corresponding line number (**[1]** to **[4]**) for the party with which you want to continue talking. To resume both lines, press **[Conf]**.

Conference call with an outside call and an intercom call

While you are talking with an outside caller, one more extension can join the conversation and establish a conference call.

- 1** During an outside call, press **[TRANSF]**.
[↔]: Select the desired unit. → **[Select]**

- 2** When the paged party answers, press **[Conf]**.
 - If paged party does not answer, press **[Stop]** to return to the outside call.
 - The 2 calls are combined.
 - To leave the conference, press **[OFF]**. The other 2 parties can continue the conversation.

Note:

- To put on hold the outside call, finish the intercom call, then press **[HOLD]**.

Intercom

Intercom

Intercom calls can be made between 2 extensions.

Note:

- When paging unit(s), the paged unit(s) beeps.
- If you receive an outside call while talking on the intercom, the call alert tone sounds (page 16).
To finish intercom, press **[OFF]**. To answer the call, press **[📞/📞]**.

Making an intercom call

- 1 **[INTERCOM]**
- 2 **[📞]**: Select the desired unit. → **[Select]**
- 3 When you finish talking, press **[OFF]**.

Answering an intercom call

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

Turning auto intercom on/off

This feature allows the unit to answer intercom calls automatically when it is called. You do not need to press **[📞/📞]**. The default setting is "off".

- 1 **[Menu]**
- 2 **[📞]**: "Phone Settings" → **[Select]**
- 3 **[📞]**: "Auto Answer INT" → **[Select]**
- 4 **[📞]**: Select the desired setting. → **[Select]**
- 5 **[OFF]**

Phonebook

You can add 99 names (16 characters max.) and phone numbers (32 digits max.) to the phonebook.

Adding phonebook entries

- 1 [Ph.Book]
- 2 ■ If no entry is registered:
[New]
 - If any entry is registered:
[↕]: Scroll to "--Start/End--" screen → [New]
- 3 Enter the party's name. → [Save]
- 4 Enter the party's phone number. → [Save]
- 5 [OFF]

Storing caller information to the phonebook

- 1 [Calls]
- 2 [↕]: Select the desired entry.
- 3 [View] → [Store]
- 4 Enter the party's name. → [Select]
- 5 Edit the phone number if necessary. → [Save]
- 6 [OFF]

Entering characters

Press the dial key that corresponds to the desired character. Press repeatedly to scroll through the available characters. The following operations are also available.

Key	Operation
[←][→]	Move the cursor
[Clear]	Erase the character or number

- To enter another character that is located on the same dial key, first press [→] to move the cursor to the next space.
- If you do not press any dial key within 1 seconds after entering a character, the

character is fixed and the cursor moves to the next space.

Erasing the character or number

Press [←] or [→]. → [Clear]

Finding and calling from a phonebook entry

- 1 [Ph.Book]
- 2 [↕]: Select the desired entry.
- 3 [📞/☎].

Editing entries

- 1 Find the desired entry (page 15).
- 2 [View] → [Edit]
- 3 Edit the name if necessary. → [Select]
- 4 Edit the phone number if necessary. → [Save]
- 5 [OFF]

Erasing entries

- 1 Find the desired entry (page 15).
- 2 [Delete] → [Yes]
- 3 [OFF]

Programming

Menu list

You can customize the unit by programming the following features.

Scrolling through the display menus


- 1 **[Menu]**
- 2 Press **[▼]** or **[▲]** to select the desired main menu. → **[Select]**
- 3 Press **[▼]** or **[▲]** to select the desired item from the next sub-menus. → **[Select]**
- 4 Press **[▼]** or **[▲]** to select the desired setting. → **[Select]** / **[Save]**
OR
Press **[▼]** or **[▲]** to select the desired item, then press **[◀]** or **[▶]** to select the desired setting. → **[Select]** / **[Save]**
 - This step may vary depending on the feature being programmed.
 - To exit the operation, press **[OFF]**.

Note:

- In the following table, < > indicates the default settings.
- In the following table, (16) indicates the reference page number.

Main menu	Sub-menu 1	Sub-menu 2	(16)	
Phone Settings	Handset Name <Ext>	-	18	
	Language <English>	-	9	
	Contrast <3>	-	-	
	Backlight*1 <Automatic>	-	-	
	Key Tone <On>	-	-	
	Delay Ring <No Delay>	-	18	
	Line Privacy <Off>	-	-	
	No Unk/Blocked <No>	-	19	
	Home Area Code	-	18	
	Local Area Code	#1 #2 #3 #4 #5 #6		18
	2ND Call Alert*2	L1 <On> L2 <On> L3 <On> L4 <On>		-
	Auto Answer INT <Off>	-		14

Programming

Main menu	Sub-menu 1	Sub-menu 2	
Phone Settings	Reset Settings <No>	-	18
Line Settings	Ringtone ^{*3}	L1 <Melody 1> L2 <Melody 2> L3 <Melody 3> L4 <Melody 4> In <Melody 5>	-
	Ring Vol	L1 <3> L2 <3> L3 <3> L4 <3> In <3>	-
	Priority Line <Auto>	-	9
Ans. System	MB On/Off <Off>	-	21
	MB Greeting	Play Greeting	22
		Record Greeting	21
		Delete	21
	Announce Only	Play Ann. Only	22
		Record Ann. Only	21
		Delete	21
Answer Delay <2 Rings>	-	24	
Call Screening <On>	-	23	
Remote Password <Off>	-	23	
Add/Remove	Register Phone	-	-
	Dereg. Phone	-	-
Factory Reset <No>	-	-	18

*1 If "Automatic" is selected, the display will only light up during calls and when you interact with the phone. It will automatically turn off after several seconds of inactivity.

*2 This tone lets you know when you receive an outside call while you are on another line or an intercom call. If you select "On", the tone sounds 1 time.

*3 If you subscribe to a distinctive ring service (such as IDENTA-RING), select a tone (tone 1 to 5). If you select a melody, you cannot distinguish lines by their ringers.

Programming

Other programming

Changing the handset name

Each handset can be given a customized name ("Bob", "Kitchen", etc.). This is useful when you make intercom calls.

- 1 **[Menu]**
- 2 **[↕]**: "Phone Settings" → **[Select]**
- 3 **[↕]**: "Handset Name" → **[Select]**
- 4 Enter the desired name (max. 11 characters).
- 5 **[Save]**
- 6 **[OFF]**

Storing home area code

You can program this phone to recognize one home area code. If you set the home area code, the display shows the 7 digits (without "1" and area code) of the phone number when you receive a call from your home area code.

- 1 **[Menu]**
- 2 **[↕]**: "Phone Settings" → **[Select]**
- 3 **[↕]**: "Home Area Code" → **[Select]**
- 4 Enter the 3-digit area code. → **[Select]**
 - To erase the area code, press **[Clear]**.
- 5 **[OFF]**

Storing local area codes

You can program this phone to recognize up to 6 local area codes. If you set the local area code, the display shows the 10 digits (without "1") of the phone number when you receive a call from one of your local area codes.

- 1 **[Menu]**
- 2 **[↕]**: "Phone Settings" → **[Select]**
- 3 **[↕]**: "Local Area Code" → **[Select]**
- 4 **[←▶]**: Select the local area code you want to set.

- 5 Enter the 3-digit area code. → **[Select]**
 - To erase the area code, press **[Clear]**.
- 6 **[OFF]**

Setting the delay ring

This feature allows you to delay this unit ringer. You can select "1 Ring" to "9 Rings", or "No Delay". The default setting is "No Delay".

- 1 **[Menu]**
- 2 **[↕]**: "Phone Settings" → **[Select]**
- 3 **[↕]**: "Delay Ring" → **[Select]**
- 4 **[↕]**: Select the desired setting. → **[Select]**
- 5 **[OFF]**

Resetting the phone settings

This feature allows you to reset the user-defined settings, and return to the default settings.

- 1 **[Menu]**
- 2 **[↕]**: "Phone Settings" → **[Select]**
- 3 **[↕]**: "Reset Settings" → **[Select]**
- 4 **[↕]**: "Yes" → **[Select]**
- 5 **[↕]**: "Confirm" → **[Select]**
- 6 **[OFF]**

Restoring the default settings

This feature will restore the phone settings to factory settings.

Note:

- The following contents are also erased by restoring to the factory default settings.
 - Caller list
 - Phonebook

- 1 **[Menu]**
- 2 **[↕]**: "Factory Reset" → **[Select]**
- 3 **[↕]**: "Yes" → **[Select]**
- 4 **[↕]**: "Confirm" → **[Select]**
- 5 **[OFF]**

Using Caller ID service

Important:

- This unit is Caller ID compatible. To use Caller ID features, you must subscribe to a Caller ID service. Contact your phone service provider for details.

Caller ID features

When an outside call is being received, the caller information is displayed. Caller information (outgoing call and received call) for the last 99 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:
 - “Unknown Call”/“Unknown Name”/“Unknown Num”: The caller dials from an area which does not provide a Caller ID service.
 - “Blocked Name”/“Blocked Num”: 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 “**XX New Call (s)**”.*1

*1 “xx” depends on the number of new messages.

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 logged in the caller list.

No unknown/Blocked

This feature allows you to decide whether caller information from unknown or blocked

caller ID calls are saved or not. If you select “No”, the records will be saved in the caller list.

- 1 [Menu]
- 2 [↕]: “Phone Settings” → [Select]
- 3 [↕]: “No Unk/Blocked” → [Select]
- 4 [↕]: Select the desired setting. → [Select]
- 5 [OFF]

Caller list

Viewing the caller list and calling back

- 1 [Calls]
- 2 Press [v] to search from the most recent call, or [▲] to search from the oldest call.
- 3 [View] to display the caller’s details information.
- 4 To call back, press [📞/☎].

Note:

- In step 2, following icon is displayed next to each caller information.

Icon	Meaning
↗	Outgoing call
↘	Received call
*	Missed call

Editing a caller’s phone number

You can edit a phone number in the caller list by removing its area code and/or the long distance code “1”.

- 1 [Calls]
- 2 [↕]: Select the desired entry. → [View]
- 3 Press [Format] repeatedly until the phone number is shown in the desired format.
- 4 [📞/☎]

Caller ID Service

Erasing selected caller information

- 1 [Calls]
- 2 [↕]: Select the desired entry.
- 3 [Delete] → [Yes]
- 4 [OFF]

Erasing all caller information

- 1 [Calls]
- 2 Press and hold [Delete] about 3 seconds. → "Delete All?" is displayed, press [Yes].
- 3 [OFF]

Answering system

After registering the handset to KX-TGW420, the answering system can answer and record calls for you in the general mailbox when you are unavailable to answer the phone.

If the Digital Receptionist System is turned on with KX-TGW420, the unit allows you to receive and deliver the callers messages using each personal mailbox.

You can also set the unit to play a greeting message but not to record caller messages by selecting **"Announce Only"** as the answering system setting (page 21).

Important:

- Answering system announcement are in English only.
- The mailbox numbers are same as the unit's extension numbers.

Memory capacity (including your greeting message)

The total recording capacity for 4 lines added together is about 200 minutes including desk phones/cordless handsets registered to KX-TGW420. A maximum of 99 messages can be recorded.

Note:

- When message memory becomes full:
 - **"Memory Full"** is shown on the display.
 - The unit automatically switches from the greeting message to the following message: *"Sorry, Memory full"*.

Turning the answering system on/off

- 1 **[ANS SYS]**
- 2 **[↕]: "MB On/Off" → [Select]**
- 3 **[↕]: Select "On", "Off", or "Announce Only" → [Select]**
- 4 **[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 **[↕]: "Ans. System" → [Select]**
- 3 **[↕]: Select "MB Greeting" or "Announce Only" → [Select]**
- 4 **[↕]: Select "Record Greeting" or "Record Ann. Only" → [Select]**
- 5 After a beep sounds, speak clearly about 20 cm (8 inches) away from the microphone.
- 6 Press **[Save]** to stop recording.
 - The greeting message is played back. To stop playback, press **[Stop]**.
- 7 **[OFF]**

Using a pre-recorded greeting message

The unit provides 2 pre-recorded greeting messages:

- If you reset to pre-recorded greeting or do not record your own greeting message, the unit plays a pre-recorded greeting asking callers to leave a message.
- If the answering system setting is set to **"Announce Only"** (page 21), callers' messages are not recorded and the unit plays a different pre-recorded greeting message asking callers to call again.

Resetting to a pre-recorded greeting message

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


Answering System

- 1 [Menu]
- 2 [↕]: "Ans. System" → [Select]
- 3 [↕]: Select "MB Greeting" or "Announce Only" → [Select]
- 4 [↕]: "Delete" → [Select]
- 5 [Yes]
- 6 [OFF]

Playing back the greeting message

- 1 [Menu]
- 2 [↕]: "Ans. System" → [Select]
- 3 [↕]: Select "MB Greeting" or "Announce Only" → [Select]
- 4 [↕]: Select "Play Greeting" or "Play Ann. Only" → [Select]
- 5 To stop playback, press [Stop].
- 6 [OFF]

Listening to messages

When new messages have been recorded,  is displayed.

- 1 [ANS SYS]
- 2 ■ When you listen the message in your personal mailbox:
[↕]: "Play Messages" → [Select]
■ When you listen the message in the general mailbox:
[↕]: "Access Gen. MB" → [Select]
 - The unit plays back the messages from the most recent message to the oldest.
- 3 When finished, press [Stop].

Note:

- If new messages have been recorded, the unit plays back new messages.
- If there are no new messages, the unit plays back all messages.

Operating the answering system during playback

Key	Operation
[▲] or [▼]	Adjust the speaker volume
[Stop]	Stop playback
[Delete]	Erase currently playing message

Forwarding a message

While listening to message, you can forward it to other mailboxes.

- 1 During playback, press [Fwd].
- 2 [↕]: Select the desired unit which you want to forward.
 - After forwarding, the forwarded message is erased from your mailbox.

Erasing all messages

- 1 [ANS SYS]
- 2 [↕]: "Delete All Old" → [Select] → [Yes]
- 3 [OFF]

Recording a memo message

You can use the unit to leave a memo message for yourself or someone else. Memo message can be played back later with the same operation used to play back answering system messages.

- 1 [ANS SYS]
- 2 [↕]: "Record Memo" → [Select]
- 3 After a beep sounds, speak clearly about 20 cm (8 inches) away from the microphone.
- 4 Press [Finish] to stop recording.
- 5 [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.

Setting the remote operation

Using this feature, you must turn on the remote operation. The default setting is "Off".

- 1 [Menu]
- 2 [↕]: "Ans. System" → [Select]
- 3 [↕]: "Remote Password" → [Select]
- 4 [↕]: "On" → [Select]
- 5 [OFF]

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 "000".

Important:

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

- 1 [Menu]
- 2 [↕]: "Ans. System" → [Select]
- 3 [↕]: "Remote Password" → [Select]
- 4 [↕]: "Set Passcode" → [Select]
- 5 Enter the desired 3-digit remote access code. → [Save]
- 6 [OFF]

Using the answering system remotely

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

- 2 After the greeting message starts, enter your remote access code.
- 3 Follow the voice guidance prompts as necessary or control the unit using remote commands (page 23).
- 4 When finished, hang up.

Voice guidance

To start the voice guidance, press [7]. The voice guidance announces the available remote commands (page 23).

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]	Play messages Stop playback
[3]	Skip message (during playback)
[7]	Start voice guidance
[4]	Turn answering system on or off
[6]	Play greeting
[0]	Erase currently playing message

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

Answering system settings

Call screening

While a caller is leaving a message, you can listen to the call through the unit's speaker.

Answering System

To adjust the speaker volume, press **[▲]** or **[▼]** repeatedly.

You can answer the call by [/m].

The default setting is “On”.

- 1 **[Menu]**
- 2 **[↓]: “Ans. System” → [Select]**
- 3 **[↓]: “Call Screening” → [Select]**
- 4 **[↓]: Select the desired setting. → [Select]**
- 5 **[OFF]**

Number of rings before the unit answers a call

You can change the number of times the phone rings “**Answer Delay**” before the unit answers calls. You can select 2 to 7 rings, or “**Toll Saver**”.

The default setting is “2 Rings”.

“**Toll Saver**”: The unit’s answering system answers at the end of the 3rd 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 23), you know that there are no new messages when the phone rings for the 4rd time. You can then hang up without being charged for the call.

- 1 **[Menu]**
- 2 **[↓]: “Ans. System” → [Select]**
- 3 **[↓]: “Answer Delay” → [Select]**
- 4 **[↓]: Select the desired setting. → [Select]**
- 5 **[OFF]**

Useful Information

Voice mail service

Voice mail is an answering service that may be offered by your phone service provider. This service can also record calls when you are unavailable to answer the phone or when your line is busy. Messages are recorded on the phone company system. When you have new messages, "MSG Waiting" is displayed if message indication service is available.

Please contact your phone service provider for details of this service.

To listen to your voice mail messages, you have to dial your voice mail access number manually.

Note:

- If "MSG Waiting" is still displayed even after you have listened to new messages, turn it off by pressing and holding **[#]** for 2 seconds.

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.


General use

Problem	Cause/solution
The unit does not work.	<ul style="list-style-type: none">● Check the connections (page 7).● Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again.
I cannot hear a dial tone.	<ul style="list-style-type: none">● 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 phone service provider.● The handset has not been registered to the base unit. Register the handset (page 8).




Menu list

Problem	Cause/solution
The display is in a language I cannot read.	<ul style="list-style-type: none">● Change the display language (page 9).

Battery recharge

Problem	Cause/solution
The handset beeps and/or  displays.	<ul style="list-style-type: none">● Battery charge is low. Fully charge the battery (page 7).

Useful Information

Problem	Cause/solution
I fully charged the battery, but –  is displayed, or – the operating time seems to be shorter.	<ul style="list-style-type: none">● Clean   the charge contacts with a dry cloth and charge again.● It is time to replace the battery (page 7).

Making/answering calls, intercom

Problem	Cause/solution
Noise is heard, sound cuts in and out.	<ul style="list-style-type: none">● You are using the handset or base unit in an area with high electrical interference. Re-position the base unit and use the handset away from sources of interference.● 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 unit does not ring.	<ul style="list-style-type: none">● The ringer volume is turned off. Adjust the ringer volume (page 11,17).● Do not disturb mode is turned on. Turn it off (page 11).
I cannot make long distance calls.	<ul style="list-style-type: none">● Make sure that you have long distance service.

Caller ID

Problem	Cause/solution
Caller information is not displayed.	<ul style="list-style-type: none">● You must subscribe to Caller ID service. Contact your phone service provider for details.● If your unit is connected to any additional telephone equipment such as a Caller ID 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 phone service provider.● Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again.
Caller information is displayed late.	<ul style="list-style-type: none">● Depending on your phone service provider the unit may display the caller's information at the 2nd ring or later.● Move closer to the base unit.

Useful Information

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

Answering system

Problem	Cause/solution
The unit does not record new messages.	<ul style="list-style-type: none">● The answering system is turned off. Turn it on (page 21).● The Digital Receptionist System is turned off. To turn it on, see the operating instructions for KX-TGW420.● The message memory is full. Erase unnecessary messages (page 22, 23).● The answering system setting is set to “Announce Only”. Change the setting (page 21).● Your phone service provider's voice mail service may be answering your calls before the unit's answering system can answer your calls. Change the unit's number of rings setting (page 24) to a lower value, or contact your phone service provider.● The answering system can only record calls from 1 line at a time.
I cannot operate the answering system remotely.	<ul style="list-style-type: none">● The remote operation is turned off. Turn it on (page 23).● The remote access code is not set. Set the remote access code (page 23).● 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 23).● The answering system is turned off. Turn it on (page 21).

Useful Information

Voice mail

Problem	Cause/solution
"MSG Waiting" is shown on the display. How do I remove this message from the display?	<ul style="list-style-type: none">This notification is displayed when your phone service provider's voice mail service (not the unit's answering system) has recorded a message for you. Typically you can remove this notification from the display by listening to the message. To listen to the message, dial the voice mail number provided by your phone service provider (for most cases, this will be your own phone number), and follow the voice instructions. Depending on your phone service provider, you may need to remove all messages from your voice mailbox to remove the notification. You can also remove this notification by pressing and holding [#] until the unit beeps.

Liquid damage

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

Caution:

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

FCC and other information

This equipment is hearing aid compatible as defined by the FCC in 47 CFR Section 68.316.

When you hold the phone to your ear, noise might be heard in your Hearing Aid. Some Hearing Aids are not adequately shielded from external RF (radio frequency) energy. If noise occurs, use an optional headset accessory or the speakerphone option (if applicable) when using this phone. Consult with your audiologist or Hearing Aid manufacturer about the availability of Hearing Aids which provide adequate shielding to RF energy commonly emitted by digital devices.

WHEN PROGRAMMING EMERGENCY NUMBERS AND/OR MAKING TEST CALLS TO EMERGENCY NUMBERS:

- 1) Remain on the line and briefly explain to the dispatcher the reason for the call.
- 2) Perform such activities in the off-peak hours, such as early morning or late evenings.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

Useful Information

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this phone.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Exposure Warning:

- This product complies with FCC radiation exposure limits set forth for an uncontrolled environment.
- This handset may not be collocated or operated in conjunction with any other antenna or transmitter.
- The handset may be carried and operated with only the specific provided belt-clip. Other non-tested belt-clips or similar body-worn accessories may not comply and must be avoided.

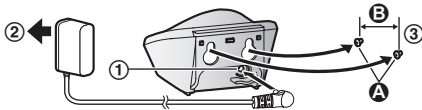
Notice:

- FCC ID can be found inside the battery compartment or on the bottom of the unit.

Guía Rápida Española

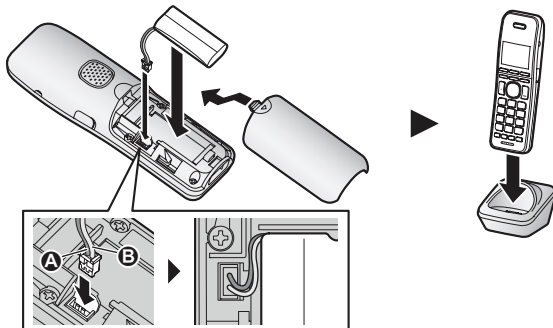
Conexiones

- ① Conecte el adaptador de corriente alterna a la unidad presionándolo firmemente.
 - ② Conecte el adaptador de corriente alterna a la toma de corriente.
 - ③ Si lo requiere, inserte los tornillos (A) (no se suministran) en la pared.
B 25,4 mm (1 pulgada)
- Use solo el adaptador de corriente alterna KSAS0050800015VUD que se suministra.



Instalación y carga de la batería

Cargue aproximadamente durante 14 horas.



- A Negro
- B Rojo

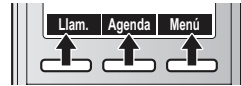
Nota:

- Use solos la batería especificada.
- Cambie el idioma de la pantalla.

Sugerencias de operación

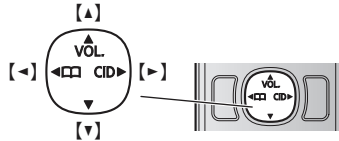
Teclas de función

Al oprimir una tecla de función, puede seleccionar la función que aparece directamente encima de ella en la pantalla. Preste atención a la pantalla para ver qué funciones están asignadas a las teclas de función durante la operación.



Tecla navegadora

- [▲], [▼], [◀], o [▶]: Navegue por diversas listas y elementos.
- VOL. (Volumen: [▲] or [▼]): Ajuste el volumen del receptor o el altavoz mientras habla.
- [◀] □ □: Ver la entrada del directorio telefónico.
- [▶] CID (Identificador de llamadas): Vea la lista de personas que llamaron.



Cómo registrar un auricular a una unidad base

- 1 **KX-TGWA41:** Oprima [Reg].
- 2 **KX-TGW420:** Oprima y mantenga oprimido [Marc ráp], y después espere hasta que suene un pitido largo.

Cambio de idioma de la pantalla (predeterminado: "English")

- 1 [Menú]
- 2 [↕]: "Phone Settings" (Ajustes tel) → [Select]
- 3 [↕]: "Language" (Idioma) → [Select]
- 4 [↕]: "Español" → [Select]
- 5 [OFF]

Grabación de su mensaje de saludo en el contestador automático

Puede grabar su propio mensaje de saludo en lugar de usar uno pregrabado.

- 1 [Menú]
- 2 [↕]: "Sist. de rta." → [Selec.]
- 3 [↕]: "Saludo MV" o "Solo anuncio" → [Selec.]
- 4 [↕]: "Grabar saludo" o "Grabar solo anu" → [Selec.]
- 5 Grabar un mensaje de saludo. → [Guar]
 - El mensaje de saludo se reproduce. Para detener la reproducción, oprima [Det.].
- 6 [OFF]

Guía Rápida Española

Operaciones básicas	
Para hacer y contestar llamadas	
Para hacer llamada	Marque el número telefónico. → [📞 / 📞]
Para contestar llamadas	[📞 / 📞]
Para colgar	[OFF]
Para ajustar el volumen del receptor o del altavoz	Oprima [▲] o [▼] repetidamente mientras habla.
Para ajustar el volumen del timbre	<p>■ Mientras el auricular timbra por una llamada entrante: Oprima [▲] o [▼] repetidamente para seleccionar el volumen deseado.</p> <p>■ Mientras el auricular esté en modo de espera: Oprima [▲] o [▼] para seleccionar la línea deseada, luego oprima [◀] o [▶] repetidamente para seleccionar el volumen deseado.</p>
Directorio telefónico	
Para añadir entradas	<p>1 [Agenda]</p> <p>2 ■ Si no hay entradas registradas: [Nvo]</p> <p>■ Si hay entradas registradas: [⏏]: Desplácese hasta la pantalla "--Inic/Fin--". → [Nvo]</p> <p>3 Introduzca el nombre de la persona (máx. 16 caracteres). → [Guar]</p> <p>4 Introduzca el número telefónico de la persona (máx. 32 dígitos). → [Guar]</p> <p>5 [OFF]</p>
Para hacer llamadas	[Agenda] → [⏏]: Seleccione la entrada deseada. → [📞 / 📞]
Contestador de llamadas	
Contestador encendido/apagado	<p>1 [ANS SYS]</p> <p>2 [⏏]: "BV: En/Ap" → [Selec.]</p> <p>3 [⏏]: "En", "Ap" o "Solo anuncio" → [Selec.]</p> <p>4 [OFF]</p>
Para escuchar mensajes	<p>1 [ANS SYS]</p> <p>2 ■ Cuando escuche el mensaje en su buzón de voz personal: [⏏]: "Rep. mensajes" → [Selec.]</p> <p>■ Cuando escuche el mensaje en el buzón de voz general: [⏏]: "Ac. buzón gen." → [Selec.]</p> <p>3 [OFF]</p>

Preguntas frecuentes

Pregunta	Causa y solución
¿Por qué no funciona la unidad?	<ul style="list-style-type: none"> • El auricular está demasiado lejos de la unidad base. Acérquelo. • El adaptador para corriente de la unidad base no está conectado correctamente. Conecte de nuevo el adaptador para corriente a la unidad base. • El auricular no está registrado en la unidad base. Regístrelo. <ol style="list-style-type: none"> 1 KX-TGW420: [Menú] 2 [↑]: "Agr/elim tel" → [Selec.] 3 [↓]: "Registrar tel." → [Selec.] 4 KX-TGWA41: Oprima [Reg], y después espere hasta que suene un pitido largo.
¿Cómo se incrementa el nivel de volumen del auricular?	<ul style="list-style-type: none"> • Oprima la tecla de volumen [▲] repetidamente mientras habla.
¿Por qué hay ruido o se corta la conversación?	<ul style="list-style-type: none"> • Trate de reubicar la unidad base de forma que se minimice la distancia al auricular. • Si ocurre el mismo problema aunque el auricular se encuentre enseguida de la unidad base, visite: http://shop.panasonic.com/support
¿Es posible mantener cargando las baterías todo el tiempo?	<ul style="list-style-type: none"> • Puede dejar el auricular en el cargador el tiempo que lo desee. Esto no daña las baterías.
¿Cómo se contestan las llamadas en espera (2a llamada)?	<ul style="list-style-type: none"> • Oprima [Dest.] cuando escuche el tono de llamada en espera.

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As of June 2015

Limited Warranty (ONLY FOR U.S.A.)

Panasonic Products Limited Warranty

Limited Warranty Coverage (For USA Only)

If your product does not work properly because of a defect in materials or workmanship, Panasonic Corporation of North America (referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("warranty period"), 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 the warrantor.

Product or Part Name	Parts	Labor
Telephone	One (1) Year	One (1) Year

During the "Labor" warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. This Limited Warranty excludes both parts and labor for non-rechargeable batteries, antennas, and cosmetic parts (cabinet). This warranty only applies to products purchased and serviced in the United States. This warranty is extended only to the original purchaser of a new product which was not sold "as is".

Mail-In Service--Online Repair Request

Online Repair Request

To submit a new repair request and for quick repair status visit our Web Site at <http://shop.panasonic.com/support>

When shipping the unit, carefully pack, include all supplied accessories listed in the Owner's Manual, and send it prepaid, adequately insured and packed well in a carton box. When shipping Lithium Ion batteries please visit our Web Site at <http://shop.panasonic.com/support> as Panasonic is committed to providing the most up to date information. Include a letter detailing the complaint, a return address and provide a daytime phone number where you can be reached. A valid registered receipt is required under the Limited Warranty.

IF REPAIR IS NEEDED DURING THE WARRANTY PERIOD, THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOF OF PURCHASE.

Appendix

Limited Warranty Limits and Exclusions

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 the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, or rental use of the product, or service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE".

THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY.

(As examples, this excludes damages for lost time, travel to and from the servicer, loss of or damage to media or images, data or other memory or recorded content.

The items listed are not exclusive, but for illustration only.)

ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to:

Consumer Affairs Department
Panasonic Corporation of North America
661 Independence Pkwy
Chesapeake, VA 23320

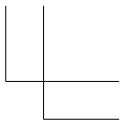
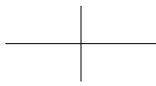
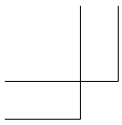
PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

As of November 2019

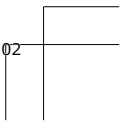
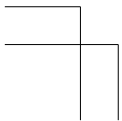
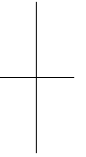
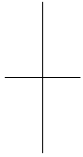
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Notes



Notes



IMPORTANT!

If your product is not working properly. . .

- ① Reconnect AC adaptor to the base unit.
- ② Check if telephone line cord is connected.
- ③ Remove and then reinsert the battery.
- ④ Read troubleshooting page in the **Operating Instructions**.



Visit our Web site: <http://shop.panasonic.com/support>

- FAQ and troubleshooting hints are available.

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