Panasonic®

Operating Instructions
Compact Cordless Telephone

Model No. **KX-TGB810**
KX-TGB812

Model shown is KX-TGB810.

Before initial use, see "Getting Started" on page 11.

Thank you for purchasing a Panasonic product.
Please read these operating instructions before using the unit and save them for future reference.

Consulte "Guía Rápida Española", página 37.

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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Model composition

Series	Model No.	Base unit	Handset	
		Part No.	Part No.	Quantity
KX-TGB810 series	KX-TGB810	KX-TGB810	KX-TGBA81	1
	KX-TGB812	KX-TGB810	KX-TGBA81	2

Accessory information

Supplied accessories

No.	Accessory item/Part number	Quantity	
		KX-TGB810	KX-TGB812
①	AC adaptor/PNWYBB810S00	1	2
②	Telephone line cord/PNJA1186Z	1	1
③	Rechargeable batteries[*1]	2	4
④	Handset cover[*2]/PNWYAB810S01	1	2
⑤	Charger/PNWYAB810S02	-	1

[*1] See page 4 for replacement battery information.
[*2] The handset cover comes attached to the handset.
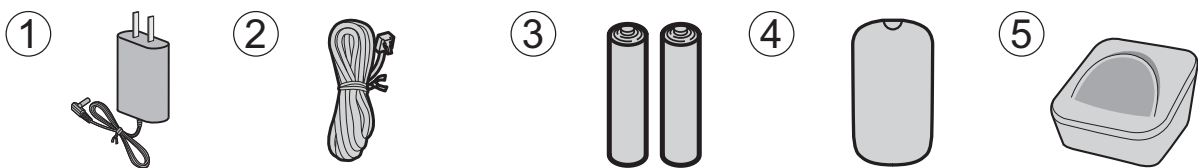
Additional/replacement accessories

Please contact your nearest Panasonic dealer for sales information (page 42).

Accessory item	Model number/Specifications
Rechargeable batteries	PNWYAB810S06 ● To order, please visit http://shop.panasonic.com/support
	Battery type: – Nickel metal hydride (Ni-MH) – 2 x AAA (R03) size for each handset

Other information

● Design and specifications are subject to change without notice.

● The illustrations in these instructions may vary slightly from the actual product.

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)
⚠	Caution: risk caused by visible radiation	⏽	"ON"/"OFF" (power; push-push)
⌂	For indoor use only	⚡	Caution, risk of electric shock

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.

Operating safeguards

- Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners.

- Do not disassemble the product.

- Do not spill liquids (detergents, cleansers, etc.) onto the telephone line cord plug, or allow it to become wet at all. This may cause a fire. If the telephone line cord plug becomes wet, immediately pull it from the telephone wall jack, and do not use.

- Do not place the corded or cordless handset on the base unit when battery cover is removed.

Medical

- Consult the manufacturer of any

personal medical devices, such as pacemakers or hearing aids, to determine if they are adequately shielded from external RF (radio frequency) energy. (The product operates in the frequency range of 1.92 GHz to 1.93 GHz, and the RF transmission power is 115 mW (max.).)

- Do not use the product in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

⚠ CAUTION

Installation and location

- Never install telephone wiring during an electrical storm.

- Never install telephone line jacks in wet locations unless the jack is specifically designed for wet locations.

- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.

- Use caution when installing or modifying telephone lines.

- Disconnect the telephone line before replacing batteries.

- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.

- The product is only use for mounting at heights ≤ 2 m.

  Note:
  - This height is not guaranteed for product reliability.

  - To prevent serious injuries due to the product unexpectedly falling, the product must be installed at a height of 1.5 m or lower.

- This product is unable to make calls when:
  – the handset batteries need recharging or have failed.
  – there is a power failure.

Battery

- We recommend using the batteries noted on page 4.
  USE ONLY rechargeable Ni-MH batteries AAA (R03) size.

- Do not mix old and new batteries.

- Do not open or damage the batteries. Released electrolyte from the batteries is corrosive and may cause burns or injury to the eyes or skin. The electrolyte is toxic and may be harmful if swallowed.

- Exercise care when handling the batteries. Do not allow conductive materials such as rings, bracelets, or keys to touch the batteries, otherwise a short circuit may cause the batteries and/or the conductive material to overheat and cause burns.

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

- Only use a compatible base unit (or charger) to charge the batteries. Do not tamper with the base unit (or charger). Failure to follow these instructions may cause the batteries to swell or explode.

- Avoid the use in the following conditions

  – High or low extreme temperatures during use, storage or transportation.

  – Replacement of a battery with an incorrect type that can defeat a safeguard.

  – Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

  – Extremely high temperature and/ or extremely low air pressure that can result in an explosion or the leakage of flammable liquid or gas.

Attention:

A nickel metal hydride battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY (1-800-822-8837)

for information on how to recycle this battery.

Important safety instructions

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

1. Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.

2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

3. Do not use the telephone to report a gas leak in the vicinity of the leak.

4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

For best performance

Base unit location/ avoiding noise

The base unit and other compatible Panasonic units use radio waves to

communicate with each other.

- For maximum coverage and noise-free communications, place your base unit:
  – at a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.
  – away from electronic appliances such as TVs, radios, personal computers, wireless devices, or other phones.
  – facing away from radio frequency transmitters, such as external antennas of mobile phone cell stations. (Avoid putting the base unit on a bay window or near a window.)

- Coverage and voice quality depends on the local environmental conditions.

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

Environment

- Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.

- The product should be kept free from excessive smoke, dust, high temperature, and vibration.

- The product should not be exposed to direct sunlight.

- Do not place heavy objects on top of the product.

- When you leave the product unused for a long period of time, unplug the product from the power outlet.

- The product should be kept away from heat sources such as 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

- The applied nameplate is located at the bottom or rear of the product.

⚠ **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:
  115 mW (max.)
- Power source:
  100–240 V AC, 50/60 Hz
- Rechargeable battery:
  AAA (R03) Ni-MH battery
  (1.2 V, 300 mAh)
- Power consumption:
  Base unit:
  Standby: 0.39 W
  Maximum: 1.2 W
  Charger:
  Standby: 0.03 W
  Maximum: 0.6 W
- Operating conditions:
  0 °C (32 °F) – 40 °C (104 °F),
  20 % – 80 % relative air humidity (dry)

Setting up

Connections

■ Base unit

Connect the telephone line cord to the unit until you hear a click.
Connect the AC adaptor to the unit by pressing the plug firmly.
Fasten the cord by hooking it.
Connect the AC adaptor to the power outlet.
Connect the telephone line cord to the single-line telephone jack (RJ11) until you hear a click.
A DSL/ADSL filter (not supplied) is required if you have a DSL/ADSL service.

Note:

● Use only the supplied AC adaptor AT-332A-060045A.
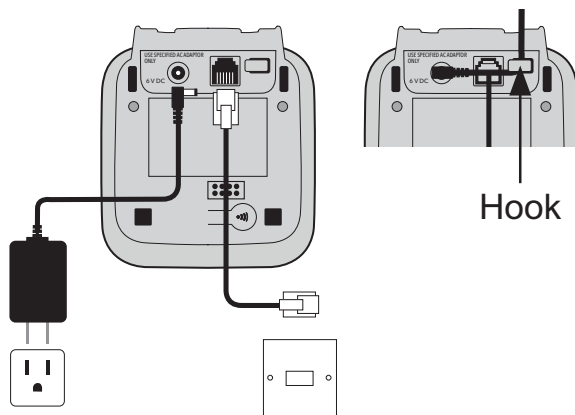
Hook

■ Charger

Connect the AC adaptor to the unit by pressing the plug firmly.
Fasten the cord by hooking it.
Connect the AC adaptor to the power outlet.

Note:

● Use only the supplied AC adaptor AT-332A-060045A.

Hook
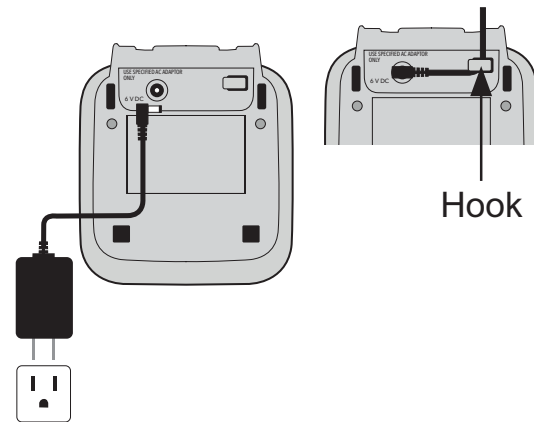
Battery installation

1   Press down at ❶.

2   Slide the handset cover ❷.

3   Insert the batteries, then close the handset cover.

● Use only the supplied GPI International Ltd. rechargeable Ni-MH batteries 30AAAHC (Ⓐ).

● Do NOT use alkaline/manganese/Ni-Cd batteries.

● Confirm correct polarities.
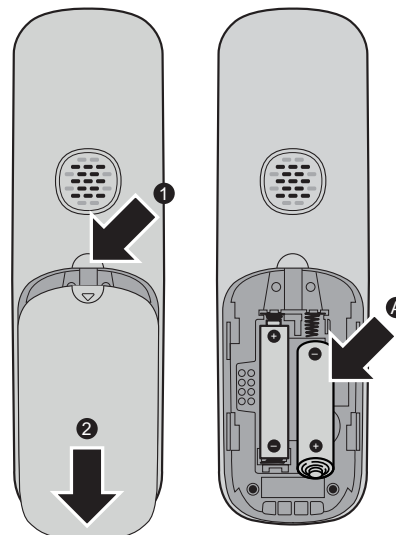
Battery charging

Charge for at least 8 hours.

When the handset needs charging, the display shows **"Low battery"** and there is a warning beep every 2 minutes during a call, recharge the handset before using it again. When charging, will 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.

Power failure

The unit cannot be used to make or receive calls during a power failure. We recommend connecting a corded-type telephone that does not use an AC adaptor to your telephone line.

Note for battery installation

- Use the supplied rechargeable batteries. For replacement, we recommend using the rechargeable batteries noted on page 4 and 7.

Note for battery charging

- It is normal for the handset to feel warm during charging.

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

Battery level

(▮▮▮)	Battery is fully charged
(▮▮)	Battery is partially charged
(▮)	Battery is running low
( )	Flashes when battery is almost fully discharged

Ni-MH battery performance (supplied batteries)

Operation	Operating time
In continuous use	9 hours max.
Not in use (standby)	180 hours max.

Note:

- Actual battery performance depends on usage and ambient environment.

Navigating the menus

The phone has an easy to use menu system. Each menu has a list of options, which can be seen on the menu map on page 16.

When the handset is in standby:

1 〖**MENU/OK**〗 to open the main menu.

2 〖▲〗 or 〖▼〗: → available options.

3 〖**MENU/OK**〗 to select an option.

4 To return to the previous menu level, press 〖**MUTE/BACK**〗.

5 To exit the menu and return to standby, press 〖**OFF**〗.

Note:
If no buttons are pressed for 30 seconds, the handset returns to standby automatically.

Date and time

1 〖**MENU/OK**〗, → 〖▼〗 **"Clock/ Alarm"**, press 〖**MENU/OK**〗.

2 **"Date & time"**.

3 〖**MENU/OK**〗 to select.

4 Enter the date using the keypad (e.g. 08-12-20 for August 12th 2020) and press 〖**MENU/OK**〗 to confirm.

5 Enter the time (12-hour clock format) using the keypad (e.g. 09:00) then press 〖▲〗 or 〖▼〗 to select **"AM"** or **"PM"** and press 〖**MENU/OK**〗 to save.

Other settings

Dial mode

If you cannot make calls, change this setting according to your telephone line service. the default setting is **"Tone"**, to change this setting, see page 27.

"Tone": For tone dial service.

"Pulse": For rotary/pulse dial service.

Controls

Handset
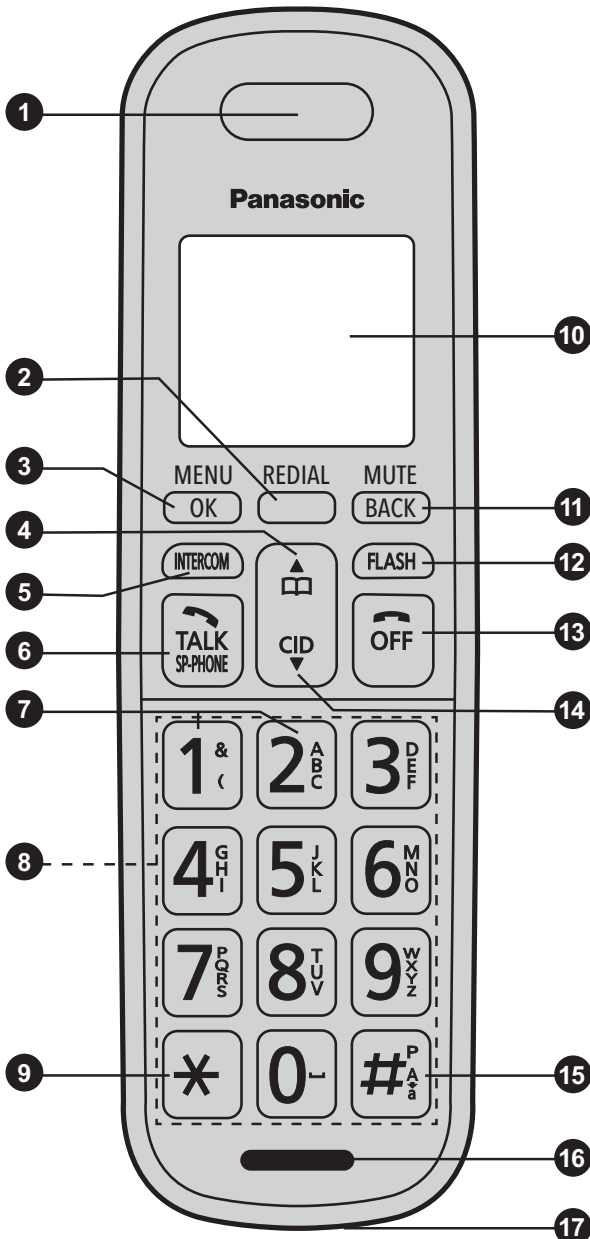
1	**Receiver**
2	**Redial** Press to view the last 10 entries dialed.
3	**Menu/Ok** Press to open the Menu. Select the option displayed on screen. Confirm menu option.
4	**Phonebook/Scroll up/ Volume up** Open the phonebook list. Scroll up through lists and menus. Increase the receiver or speaker volume during a call. Increase the ringer volume while ringing.
5	**Intercom** Press to make intercom call and transfer calls to another handset. This feature is not available for single handset model.
6	**Talk/Speakerphone** Press to make and receive calls. During a call, press to turn speakerphone on and off.
7	**Speed dial buttons** Press and hold to show the stored entry, page 21.
8	**Dial keypad**
9	**✱/Pulse to Tone dialing** Dial a star, page 21. During a call, press to switch from pulse dialing to tone dialing, page 18.
10	**Display** See page 15 for an overview of the display icons.

11	**Mute/Back**
	In editing mode, press to delete characters and digits. Go back to the previous menu level. During a call, press to turn mute on/off, page 17.
12	**Flash**
	Press to use with switchboard/ PBX services and some network services.
13	**Off**
	Press to end a call.
14	**Caller list/Scroll down/ Volume down**
	Press to enter the caller list. Scroll down through lists and menus. Decrease the receiver or speaker volume during a call. Decrease the ringer volume while ringing.
15	**# /Change case/Pause**
	Dial a **#**. Press and hold to change the case from Abc to abc or ABC mode when entering or editing letters, page 20. Press and hold to enter a pause when pre-dialing or storing numbers, page 17.
16	**Microphone**
17	**Charge contacts**

Base unit
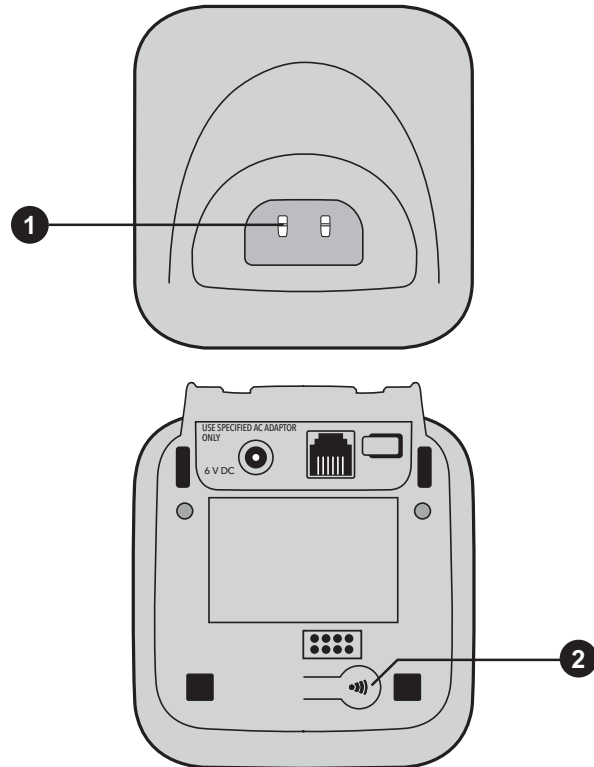
1	**Charge contacts**
2	**Locator button** Use to locate a misplaced handset.

Display icons
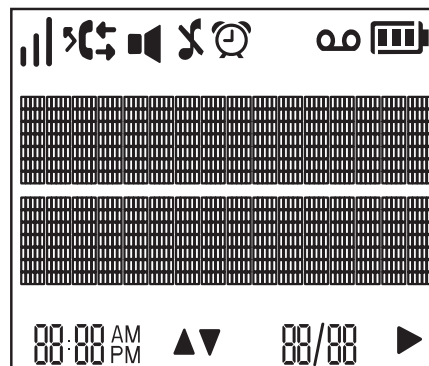
📶   Signal icon
Steady when registered and in range.

♪̸   Handset ringer is off

≫(Flashes to indicate a new missed call and when viewing a new missed call in the caller list

Steady when viewing a missed call in the caller list

(Steady when making an outgoing call
Flashes to indicate an incoming or intercom call

(←   Indicates an answered call when viewing the caller list

(→   Indicates an outgoing call when viewing the redial list

◄]   Speakerphone is activated

⏰   Alarm is set

Flashes when the alarm is ringing

∞   Flashes to indicate new voicemail messages received

Steady when the entry has been viewed in the call log

88:88 AM/PM   Time

88/88   Date

▲▼   Indicates you can scroll through a list or adjust the volume while talking

▶   More text after

Menu map

Phonebook	- View
	- Add new
	- Edit
	- Delete[1]
	- Delete all[1]
Clock/Alarm	- Date & time
	- Set alarm
Personal setting	- Handset tone
	- Ring volume
	- Ring tones
	- Key tone
	- Docking tone
	- Battery tone
	- Phone name
	- Language
	- Auto answer
	- Auto hang-up
Advanced setting	- Call list type
	- Call block
	-Anonymous call
	-Block list
	-*Block mode*
	-*Block number*
	- Area code
	- Flash time
	- Dial mode
	- Auto clock
	- Register
	- Deregister[2]
	- Reset

[1]Only available if a phonebook entry is stored.

[2]This feature is not available for single handset model.

Making calls

1 Lift the handset and then dial the phone number. To correct a digit, press 〖**MUTE/BACK**〗.

2 Press 〖**TALK/SP-PHONE**〗 to make a call. To make the call using the speakerphone, press 〖**TALK/SP-PHONE**〗.

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

Note:
While talking, you can switch between the receiver and the speakerphone by pressing 〖**TALK/SP-PHONE**〗. In step 1, you can store the dialed phone number to the phonebook by pressing 〖**MENU/OK**〗.

Auto hang-up: You can end a call simply by placing the handset on the base unit or charger (page 29).

Adjusting the receiver or speaker volume

Press 〖▲〗 or 〖▼〗 to select the desired volume while talking.

Pause (for PBX/long distance service users)

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

When storing a calling card access number and/or PIN in the phonebook, a pause is also needed (page 21).
Example:
If you need to dial the line access number "9" when making outside calls with a PBX:

1 〖**9**〗 → Press and hold 〖**#**〗. "**P**" (Pause) will be displayed.

2 Dial the phone number → 〖**TALK/SP-PHONE**〗.

Note:

A 3.5 second pause is inserted each time you press and hold 〖**#**〗 (Pause) on the handset.

Answering calls

When an outside call is received, the phone rings and 〖 flashes on the display.

1 Lift the handset and press 〖**TALK/SP-PHONE**〗 when the unit rings.

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

Auto answer: You can answer calls simply by lifting the handset (page 29).

Temporary ringer off: You can turn the ringer off temporarily by pressing 〖**MUTE/BACK**〗.

Adjusting the ringer volume

Press 〖▲〗 or 〖▼〗 to select the desired volume while ringing.

Useful features during a call

Mute
1 Press 〖**MUTE/BACK**〗. The display shows "**Mute on**".

2 To return to the call, press 〖**MUTE/BACK**〗.

Flash

〔**FLASH**〕allows you to use the special features of your host PBX such as transferring an extension call, or accessing optional telephone services.

Note:

To change the flash time, see page 27.

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 on the handset that is in use after you hear the call waiting tone.

1 Press 〔**FLASH**〕to answer the 2nd call.

2 To switch between calls, press 〔**FLASH**〕.

Temporary tone dialing (for rotary/pulse service users)

Press 〔✳〕before entering access numbers which require tone dialing.

Intercom, transferring calls and conference calls

Available for: KX-TGB812

Making an intercom call

If 2 or more handsets are registered to the base unit, intercom calls can be made between two handsets. 〔 flashes and the display shows the handset number you are calling.

1 Press 〔**INTERCOM**〕and the other handset rings automatically.

Receiving an intercom call

When an intercom call is received, 〔 flashes and the handset number that is calling is displayed.

1 〔**TALK/SP-PHONE**〕to answer the call.

Transferring calls

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

During an outside call:

1 Press 〔**INTERCOM**〕and the other handset rings automatically.

2 When the other handset answers, press 〔**OFF**〕to complete the transfer.

Note:
If there is no answer from the other handset, press 〔**MUTE/BACK**〕to return to the outside caller. The outside call resumes automatically after 60 seconds if there is no answer.

3-way conference call

To hold a 3-way conference call between 2 intercom callers and 1 outside caller.

During a call with an outside caller:

1 Press 〖**INTERCOM**〗and the other handset rings automatically.

2 Once the second handset answers, press 〖**MENU/OK**〗to join all 3 callers.

3 Press 〖**OFF**〗to end the call.

Redial

Making a call using the redial list

The last 10 phone numbers dialed are stored in the redial list (each 24 digits max.)

1 〖**REDIAL**〗.

2 〖▲〗or〖▼〗: Select the desired entry.

3 〖**TALK/SP-PHONE**〗.

Note:
If the caller's number exactly matches an entry stored in the phonebook, the name is displayed.

Storing a redial list number to the phonebook

1 〖**REDIAL**〗.

2 〖▲〗or〖▼〗: Select the desired entry.

3 〖**MENU/OK**〗 **"Save number"**.

4 〖**MENU/OK**〗 **"Enter name"**.

5 Enter the name and press 〖**MENU/OK**〗. The number is displayed.

6 Edit the number if necessary, then press 〖**MENU/OK**〗. The number is stored.

Note:
See 'Entering names and writing tips' on page 20.

Deleting an entry

1 〖**REDIAL**〗.

2 〖▲〗or〖▼〗: Select the desired entry.

3 〖**MENU/OK**〗 **"Delete"**, press 〖**MENU/OK**〗.

4 〖**MENU/OK**〗to confirm or 〖**MUTE/BACK**〗to cancel.

Deleting the entire redial list

1 〖**REDIAL**〗, press 〖**MENU/OK**〗.

2 〖▼〗 **"Delete all"**, press 〖**MENU/OK**〗.

3 〖**MENU/OK**〗to confirm or 〖**MUTE/BACK**〗to cancel.

Handset locator

The handset locator can be used to alert a handset user that they are wanted or locate a missing handset. Locator calls cannot be answered by a handset.

1 〖•))〗on the base unit. The handset will ring.

2 To stop the ringing, press any button.

Phonebook

The phonebook can store up to 50 names and numbers. Names can be up to 16 characters long and numbers up to 24 digits.

Storing a name and number

When subscribed to Caller ID, to display the name of the caller instead of the number, save the full telephone number including the area code to the phonebook.

Multiple entries can be stored with the same name. However, to prevent unnecessary duplicated entries, the number can be stored only once.

1 〔**MENU/OK**〕 **"Phonebook"**.
2 〔**MENU/OK**〕, →〔▼〕 **"Add new"**.
3 〔**MENU/OK**〕. **"Enter name"**.
4 Enter the name and press 〔**MENU/OK**〕. **"Enter number"** is displayed.
5 Enter the number and press 〔**MENU/OK**〕. The entry is saved.
6 〔**OFF**〕 to return to standby.

Entering names and writing tips

Use the keypad letters to enter names, e.g. to store Tom:

〔**8**〕 once to enter T.

〔**6**〕 three times to enter o.

〔**6**〕 once to enter m.

Press and hold 〔**#**〕 to change the case from Abc to abc or ABC mode.

〔**MUTE/BACK**〕 to delete the last character or digit.

Press and hold 〔**MUTE/BACK**〕 for 1 second to delete all characters or digits.

〔▲〕 or 〔▼〕 to move between characters/digits.

〔**0**⌴〕 to insert a space.

Viewing or dialing an entry

1 Press 〔▲〕 📖.
2 〔▲〕 or 〔▼〕: Select the required entry.

   OR

   Enter the first letter of the name to search alphabetically. The first name that starts with this letter or the nearest letter in the alphabet will be displayed.

   〔▲〕 or 〔▼〕: Select the required entry.
3 〔**TALK/SP-PHONE**〕 to dial or 〔**OFF**〕 to return to standby.

Editing a name and number

1 〔**MENU/OK**〕 **"Phonebook"**.
2 〔**MENU/OK**〕, →〔▼〕 **"Edit"**, press 〔**MENU/OK**〕.
3 〔▲〕 or 〔▼〕: To select the entry that needs to be edited, or search alphabetically, press 〔**MENU/OK**〕.
4 〔**MUTE/BACK**〕 to delete the name if required, then enter the new name and press 〔**MENU/OK**〕. The existing number is displayed.
5 〔**MUTE/BACK**〕 to delete the number if required, then enter the new number and press 〔**MENU/OK**〕. The entry is saved.

Deleting an entry

1 〖MENU/OK〗 "**Phonebook**".

2 〖MENU/OK〗, →〖▼〗 "**Delete**", press 〖**MENU/OK**〗.

3 〖▲〗or〖▼〗: To select the entry that needs to be deleted, or search alphabetically, press 〖**MENU/OK**〗.

4 〖**MENU/OK**〗to confirm or 〖**MUTE/BACK**〗to cancel.

Deleting all entries

1 〖MENU/OK〗 "**Phonebook**".

2 〖MENU/OK〗, →〖▼〗 "**Delete all**", press 〖**MENU/OK**〗.

3 〖**MENU/OK**〗to confirm or 〖**MUTE/BACK**〗to cancel.

Chain dial

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

1 During an outside call, press 〖**MENU/OK**〗.

2 〖▲〗or〖▼〗: Select the desired entry.

3 Press 〖**TALK/SP-PHONE**〗to dial the number.

Note:

● When storing a calling card access number and your PIN in the phonebook as one phonebook entry, press and hold 〖**#**〗to add

pauses after the number and PIN as necessary (page 17).

● If you have rotary/pulse service, you need to press 〖✳〗before pressing 〖**MENU/OK**〗in step 1 to change the dialing mode temporarily to tone. When adding entries to the phonebook, we recommend adding 〖✳〗to the beginning of phone numbers you wish to chain dial.

Speed dial

You can assign 1 phone number to each of the dial keys (1 and 2). The speed dial number can be up to 24 digits. If a number is stored in the phonebook, it cannot be stored as a speed dial number.

Storing phone numbers to speed dial keys

1 〖**MENU/OK**〗 "**Phonebook**". Press 〖**MENU/OK**〗.

2 〖▼〗: "**Edit**" and press 〖**MENU/OK**〗.

3 〖▲〗or〖▼〗: To select the "**Speed dial 1**" or "**Speed dial 2**" you want to store the number under, press 〖**MENU/OK**〗.

4 Enter the number, press 〖**MENU/OK**〗.

Note:

If you want to change/delete the speed dial number follow the first 3 steps above. Delete the number by pressing 〖**MUTE/BACK**〗and either press 〖**MENU/OK**〗to save no number or enter the new number and press 〖**MENU/OK**〗to save.

Dialing a speed dial number

Press and hold the relevant key
([**1**] or [**2**]) until the number is
displayed and dialed.

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's phone number is displayed. Caller information for the last 20 callers is logged in the caller list from the most recent call to the oldest.

● If the unit cannot receive caller information, the following is displayed:
  – **"Out of area"**: The caller dials from an area which does not provide a Caller ID service.
  – **"Private"**: The caller requests not to send caller information.

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

Missed calls

If a call is not answered, the unit treats it as a missed call. The display shows **"X missed call(s)"**[*1] and flashes ⚡. This lets you know if you should view the calls list to see who called while you were away.

[*1] "X" depends on the number of new missed calls.

Phonebook name display

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

To ensure that the caller's name is displayed, make sure the full telephone number, including the area code is stored in the phonebook.

Area code

Phone numbers stored automatically in the caller list will include area codes. If you do not want to dial the area code when making calls from the caller list, you can store the area code which you want the unit to delete automatically. The area code must be 3-digit long.

1 〖**MENU/OK**〗, → 〖▼〗 **"Advanced setting"**, press 〖**MENU/OK**〗.

2 〖▼〗 **"Area code"**, press 〖**MENU/OK**〗.

3 Enter the 3-digit area code, press 〖**MENU/OK**〗 to confirm.

Setting the call list type

You can set the caller list to show **All calls** or **Missed calls** only.

1 〖**MENU/OK**〗, → 〖▼〗 "**Advanced setting**", press 〖**MENU/OK**〗.

2 **"Call list type"** is displayed, press 〖**MENU/OK**〗.

3 〖▲〗 or 〖▼〗: To select "**All calls**" or "**Missed calls**", press 〖**MENU/OK**〗 to confirm.

Viewing the caller list

1 〔▼〕**CID**. If there are no calls in the list, the display shows **"List empty"**.

2 〔▲〕or〔▼〕: To select the required entry.

3 〔**MENU/OK**〕**"View"**.

4 Press〔**MENU/OK**〕to view the call name and time and date of the call, press〔**MENU/OK**〕to switch between the name and number.

Note:

📞 disappears after viewing all missed call.

Dialing a number in the caller list

1 〔▼〕**CID**.

2 〔▲〕or〔▼〕: To select the required entry.

3 〔**TALK/SP-PHONE**〕to dial the displayed entry.

Storing a caller list number to the phonebook

1 〔▼〕**CID**.

2 〔▲〕or〔▼〕: To select the required entry.

3 〔**MENU/OK**〕.

4 〔▼〕**"Save number"**, press 〔**MENU/OK**〕.

5 Enter the name if necessary, then press〔**MENU/OK**〕. The number is displayed.

6 Edit the number if necessary, then press〔**MENU/OK**〕to save.

Note:
See 'Entering names and writing tips' on page 20.

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".

Important:
To edit a number, you need to store the area code (page 23).

1 〔▼〕**CID**.

2 〔▲〕or〔▼〕: To select the required entry.

3 Press〔**#**〕repeatedly until the phone number is shown in the desired format.

4 〔**TALK/SP-PHONE**〕.

Deleting an entry

1 〔▼〕**CID**.

2 〔▲〕or〔▼〕: To select the required entry.

3 〔**MENU/OK**〕.

4 〔▼〕**"Delete"**, press〔**MENU/OK**〕.

5 〔**MENU/OK**〕to confirm or 〔**MUTE/BACK**〕to cancel.

Deleting all caller information

1 〔▼〕**CID**.

2 〔**MENU/OK**〕.

3 〔▼〕**"Delete all"**, press 〔**MENU/OK**〕.

4 〔**MENU/OK**〕to confirm or 〔**MUTE/BACK**〕to cancel.

Storing a number to the block list

1 【▼】CID.

2 【▲】or【▼】: To select the required entry.

3 【**MENU/OK**】.

4 【▼】**"Block number"**, press 【**MENU/OK**】.

5 【▼】: To select next available slot, press 【**MENU/OK**】, number is displayed, press 【**MENU/OK**】 to confirm.

Note:

To activate the call block feature, you must turn the block mode on (page 26).

Call block

This feature allows the unit to block calls from specified phone numbers that you do not want to answer such as junk calls. When a call is received, the unit does not ring while the caller is being identified. If the caller's phone number matches an entry in the block list, the unit emits no sound to the caller and **"Blocked caller"** is displayed for about 7 seconds, then disconnects the call.

Switching anonymous call on/off

You can block calls when no phone number is provided, such as **Private**, or **Out of area** calls.

1 〖MENU/OK〗, →〖▼〗 **"Advanced setting"**, press 〖MENU/OK〗.

2 〖▼〗 **"Call block"**, press 〖MENU/OK〗 **"Anonymous call"** is displayed.

3 〖MENU/OK〗, →〖▲〗 or 〖▼〗:
   To select **"On"** or **"Off"**, press 〖MENU/OK〗 to confirm.

Turning block mode on/off

1 〖MENU/OK〗, →〖▼〗, **"Advanced setting"**, press 〖MENU/OK〗.

2 〖▼〗 **"Call block"**, press 〖MENU/OK〗.

3 〖▼〗 **"Block list"**, press 〖MENU/OK〗 **"Block mode"** is displayed.

4 〖MENU/OK〗, →〖▲〗 or 〖▼〗:
   To select **"On"** or **"Off"**, press 〖MENU/OK〗 to confirm.

Setting a number to be blocked

You can store up to 20 phone numbers in the block list.

To activate this feature, you must turn the block mode on (page 26).

1 〖MENU/OK〗, →〖▼〗 **"Advanced setting"**, press 〖MENU/OK〗.

2 〖▼〗 **"Call block"**, press 〖MENU/OK〗.

3 〖▼〗 **"Block list"**, press 〖MENU/OK〗.

4 〖▼〗 **"Block number"**, press 〖MENU/OK〗.

5 If required, press 〖▲〗 or 〖▼〗 to the next available slot.

6 〖MENU/OK〗, enter the number you want to block, press 〖MENU/OK〗 to save.

Note:

When you store a phone number in the block list, you will need to store the full number including the area code for the number to be blocked.

If you want to change/delete the block list number follow the first 4 steps in **'Setting a number to be blocked'** above, and then press 〖▲〗 or 〖▼〗 to the slot where the number is stored, press 〖MENU/OK〗.
To delete the number, press 〖MUTE/BACK〗, either press 〖MENU/OK〗 to delete, or enter a new number and press 〖MENU/OK〗.

Flash time

Flash allows you to use the special features of your host PBX such as transferring an extension call, or accessing optional telephone services.

It is unlikely that you need to change this setting unless advised to do so.

1 〖**MENU/OK**〗, →〖▼〗 **"Advanced setting"**, press 〖**MENU/OK**〗.

2 〖▼〗 **"Flash time"**, press 〖**MENU/OK**〗.

3 〖▲〗or〖▼〗: To select **"80ms"**, **"90ms"**, **"100ms"**, **"110ms"**, **"160ms"**, **"200ms"**, **"250ms"**, **"300ms"**, **"400ms"**, **"600ms"**, **"700ms" or "900ms"**, press 〖**MENU/OK**〗 to confirm.

Dial mode

Your phone is set to tone dialing. You should only need to change this if connected to an older type of switchboard / PBX which requires pulse dialing.

1 〖**MENU/OK**〗, →〖▼〗 **"Advanced setting"**, press 〖**MENU/OK**〗.

2 〖▼〗 **"Dial mode"**, press 〖**MENU/OK**〗.

3 〖▲〗or〖▼〗: To select **"Tone"** or **"Pulse"**, press 〖**MENU/OK**〗 to confirm.

Auto clock

If you have subscribed to Caller ID Service, the date and time will be set on all your handsets whenever a call is received. This feature can be set to On or Off.

1 〖**MENU/OK**〗, →〖▼〗 **"Advanced setting"**, press 〖**MENU/OK**〗.

2 〖▼〗 **"Auto clock"**, press 〖**MENU/OK**〗.

3 〖▼〗: To select **"On"** or **"Off"**, press 〖**MENU/OK**〗 to confirm.

Clock and alarm

Setting the date and time

1 〖**MENU/OK**〗, →〖▼〗 **"Clock/Alarm"**, press 〖**MENU/OK**〗.

2 **"Date & time"**.

3 〖**MENU/OK**〗 to select.

4 Enter the date using the keypad (e.g. 08-12-20 for August 12th 2020) and press 〖**MENU/OK**〗 to confirm.

5 Enter the time (12-hour clock format) using the keypad (e.g. 09:00) then press 〖▲〗or〖▼〗 to select **"AM"** or **"PM"** and press 〖**MENU/OK**〗 to save.

Setting the alarm

1 〖**MENU/OK**〗, →〖▼〗 **"Clock/Alarm"**, press 〖**MENU/OK**〗.

2 〖▼〗 **"Set alarm"**, press 〖**MENU/OK**〗.

3 【▲】or【▼】: To select **"On"** or **"Off"**, press 【**MENU/OK**】to confirm.

4 If you select **"On"** enter the time using 12 hour format (e.g 09:00) then press 【▲】or【▼】to select **"AM"** or **"PM"** and press 【**MENU/OK**】to save.

Note:

Once the alarm is set to on, ⏰ is displayed and the alarm will sound for 30 seconds every day until it is turned off again. When the alarm sounds ⏰ flashes and **"Alarm on"** is displayed. Press any key to stop the sound.

Personal settings

Handset ringer volume

The handset ring volume can be set to different volume level. Choose from 5 volume levels or Off.

1 【**MENU/OK**】, ⟶【▼】**"Personal setting"**, press 【**MENU/OK**】.

2 **"Handset tone"**, press 【**MENU/OK**】.

3 **"Ring volume"**, press 【**MENU/OK**】.

4 【▲】or【▼】: Select the volume (**1 – 5** or **"Off"**).

5 【**MENU/OK**】to save or 【**MUTE/BACK**】to return to the previous menu.

Handset ringer tone

Different ringer melodies can be set. Choose from 10 different ringer melodies. While scrolling a sample ring will be heard for each melody.

1 【**MENU/OK**】, ⟶【▼】**"Personal setting"**, press 【**MENU/OK**】.

2 **"Handset tone"**, press 【**MENU/OK**】.

3 【▼】**"Ring tones"**, press 【**MENU/OK**】.

4 【▲】or【▼】: Select the melody (**1 – 10**).

5 【**MENU/OK**】to save or 【**MUTE/BACK**】to return to the previous menu.

Key tones

1 【**MENU/OK**】, ⟶【▼】**"Personal setting"**, press 【**MENU/OK**】.

2 **"Handset tone"**, press 【**MENU/OK**】.

3 【▼】**"Key tone"**.

4 【**MENU/OK**】, ⟶【▲】or【▼】: To select **"On"** or **"Off"**, press 【**MENU/OK**】to confirm.

Docking tone

When you place the handset on the base unit or charger, you will hear a double beep. You can switch this beep On or Off.

1 【**MENU/OK**】, ⟶【▼】**"Personal setting"**, press 【**MENU/OK**】.

2 **"Handset tone"**, press 【**MENU/OK**】.

3 【▼】**"Docking tone"**.

4 〖**MENU/OK**〗, →〖▲〗or〖▼〗:
To select **"On"** or **"Off"**, press
〖**MENU/OK**〗 to confirm.

Battery tones

When your batteries are running low
on charge you will hear a beep. You
can switch this beep On or Off.

1 〖**MENU/OK**〗, →〖▼〗 **"Personal
setting"**, press 〖**MENU/OK**〗.

2 **"Handset tone"**, press
〖**MENU/OK**〗.

3 〖▼〗 **"Battery tone"**.

4 〖**MENU/OK**〗, →〖▲〗or〖▼〗:
To select **"On"** or **"Off"**, press
〖**MENU/OK**〗 to confirm.

Handset name

A personalized name can be set for
each handset. A name can be up to
14 characters long.

1 〖**MENU/OK**〗, →〖▼〗 **"Personal
setting"**, press 〖**MENU/OK**〗.

2 〖▼〗 **"Phone name"**, press
〖**MENU/OK**〗.

3 Enter the new handset name,
press 〖**MENU/OK**〗 to save.

To delete the current name or
if a mistake is made, press
〖**MUTE/BACK**〗 to delete the
last character or digit.

Note:

See 'Entering names and writing tips'
on page 20.

Language

1 〖**MENU/OK**〗, →〖▼〗 **"Personal
setting"**, press 〖**MENU/OK**〗.

2 〖▼〗 **"Language"**, press
〖**MENU/OK**〗.

3 〖▲〗or〖▼〗: To select the required
language and press 〖**MENU/OK**〗
to confirm.

Note:
Languages available are English,
Spanish and French.

Auto answer

The phone is set to answer calls by
lifting the handset off the base unit or
charger. This feature can be switched
off so that calls can only be answered
by pressing 〖**TALK/SP-PHONE**〗.

1 〖**MENU/OK**〗, →〖▼〗 **"Personal
setting"**, press 〖**MENU/OK**〗.

2 〖▼〗 **"Auto answer"**.

3 〖**MENU/OK**〗, →〖▲〗or〖▼〗:
To select **"On"** or **"Off"**, press
〖**MENU/OK**〗 to confirm.

Auto hang-up

The phone is set to end calls by
pressing 〖**OFF**〗. This feature can
be switched on so that calls can be
ended by placing the handset on the
base unit or charger.

1 〖**MENU/OK**〗, →〖▼〗 **"Personal
setting"**, press 〖**MENU/OK**〗.

2 〖▼〗 **"Auto hang-up"**.

3 〖**MENU/OK**〗, →〖▲〗or〖▼〗:
To select **"On"** or **"Off"**, press
〖**MENU/OK**〗 to confirm.

Restore default settings

The phone can be restored to its
default (original) settings. The
handset that is registered to the base
unit will be retained.

IMPORTANT

Resetting the phone to its default settings will delete all entries in the caller list. Current handset and base settings will also be reset. Entries stored in the phonebook are retained.

1 〖**MENU/OK**〗, →〖▼〗 **"Advanced setting"**, press 〖**MENU/OK**〗.

2 〖▲〗 **"Reset"**, press 〖**MENU/OK**〗.

3 The display shows **"Confirm?"**.

4 〖**MENU/OK**〗 to confirm or 〖**MUTE/BACK**〗 to return to the previous menu. The phone will restart automatically.

Note:

Once reset the handset will prompt you to reset the date and time, see page 27.

Default settings by reset

Phonebook	Unchanged
Speed dial	Unchanged
Alarm	Off
Ringer volume	5
Ringer tone	1
Key tone	On
Docking tone	On
Battery tone	On
Handset name	HANDSET
Language	English
Auto answer	Off
Auto hang-up	On
Call list type	All calls
Anonymous call	Off
Block mode	Off
Block list	Empty
Area code	Empty
Flash time	700ms

Dial mode	Tone
Auto clock	On
Caller list	Empty
Redial list	Empty
Receiver volume	4
Speaker volume	3

Voicemail

Voicemail is an automatic answering service 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 〇〇 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 voicemail access number manually.

Important:
If 〇〇 still remains on the display even after you have listened to new messages, turn it off by pressing and holding {5} while viewing all voicemail entries of caller list .
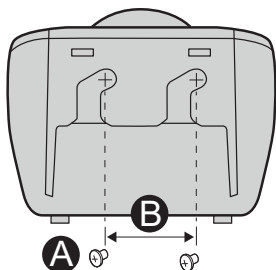
Wall mounting

Note:
● Make sure that the wall and the fixing method are strong enough to support the weight of the unit.

Drive the screws (Ⓐ) (not supplied) into the wall. Mount the unit on a wall then slide down to secure in place.
Ⓑ 25.4mm (1 inch)

Troubleshooting

No dial tone

● Use only the telephone line cord supplied.

● Check that the telephone line cord is connected properly.

● Check that the mains power is connected properly.

No display

● Check that the batteries are inserted correctly and fully charged. Use only approved rechargeable batteries supplied.

● Reset the unit by removing the batteries and disconnecting the mains power. Wait for around 15 seconds before connecting it again. Allow up to one minute for the handset and base unit to synchronize.

📶 is not displayed

● Handset is out of range. Move closer to the base unit.

● The handset registration is canceled. Register the handset to the base unit, see page 32.

● Check that the mains power is connected properly.

🔋 is not scrolling during charge

● Adjust the handset slightly on the base unit.

- Clean the charge contacts with a dry cloth.

- Check that the mains power is connected properly.

- The battery is full. When the handset is fully charged, ▥ will appear steadily on the display.

I cannot enter the time when setting the date and time

- You need to use 12-hour clock format, but invalid time may be displayed. Enter the time between 01:00 and 12:59.

No Caller Display

- You must subscribe to Caller ID service. Contact your phone service provider for details.

- The caller may have withheld their number.

- The record cannot be found in the phonebook. Check that the correct name/number is stored in the phonebook, with the full area code.

Cannot register a handset to the base unit

- Check that correct PIN code (0000) has been entered.

- Check that the handset and base unit are at least one metre away from other electrical equipment to avoid interference when registering.

Handset does not ring

- The handset ringer volume may be set to Off, see page 28.

Noise interference on my phone or on other electrical equipment nearby

- Place the phone at least one metre away from electrical appliances or any metal obstructions to avoid any risk of interference.

Registering a handset

On the base unit:

1 Press and hold 〔•))〕 for 5 seconds. The base unit will remain in registration mode for 120 seconds.

On the handset:

2 If **"Unregistered"** is displayed, press 〔**MENU/OK**〕 and then enter the 4 digit PIN code (0000) and press 〔**MENU/OK**〕.

3 If **"Searching"** or **"Unavailable"** is displayed, press 〔**MENU/OK**〕, → 〔▼〕 **"Advanced setting"**, press 〔**MENU/OK**〕.

4 〔▼〕 **"Register"**, press 〔**MENU/OK**〕.

5 Enter the 4 digit PIN code (0000) and press 〔**MENU/OK**〕.

A beep will be heard if the registration is successful. The handset is automatically assigned an available handset number.

Note:

If registration is not successful the first time, please repeat the process again in case the base registration period ran out of time. If the base unit is not found after about 120 seconds, the handset returns to standby. Try registering again.

De-register a handset (Available for: KX-TGB812)

Use one handset to de-register another. The handset being used cannot de-register itself.

1 〖**MENU/OK**〗, →〖▼〗 **"Advanced setting"**, press 〖**MENU/OK**〗.

2 〖▼〗 **"Deregister"**, press 〖**MENU/OK**〗.

3 Enter the 4 digit PIN code (0000), press 〖**MENU/OK**〗.

4 〖▲〗 or 〖▼〗 to select the handset that needs to be de-registered, press 〖**MENU/OK**〗. A confirmation beep will be heard and the display will return to standby.

Liquid damage

Liquid or other form of moisture has entered the handset/base unit

● Disconnect the AC adaptor and telephone line cord from the base unit. Remove the batteries from the handset and leave to dry for at least 3 days. After the handset/ base unit are completely dry, reconnect the AC adaptor and telephone line cord. Insert the batteries and charge fully before use. If the unit does not work properly, contact an authorized service center.

Caution:

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

FCC and other information

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:ACJ-----------.

If requested, this number must be provided to the telephone company.

● Registration No.............(found on the bottom of the unit)

● Ringer Equivalence No. (REN) 0.9A

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with the product. It is designed to be connected to a compatible modular jack that is also compliant.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for the product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment, for repair or warranty information, please contact a Factory Service Center or other Authorized Servicer. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

This equipment is hearing aid compatible as defined by the FCC in 47 CFR Section 68.316 and 68.317.

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:

(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.

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.

FCC RF Exposure Warning:

● **Handset:** This product complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines.

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

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

Notice:
FCC ID can be found inside the battery compartment or on the bottom of the units.

Guía rápida

Unidad base

Conecte el cable de la línea telefónica a la unidad hasta que escuche un clic.

Conecte el adaptador de corriente alterna a la unidad presionándolo firmemente.
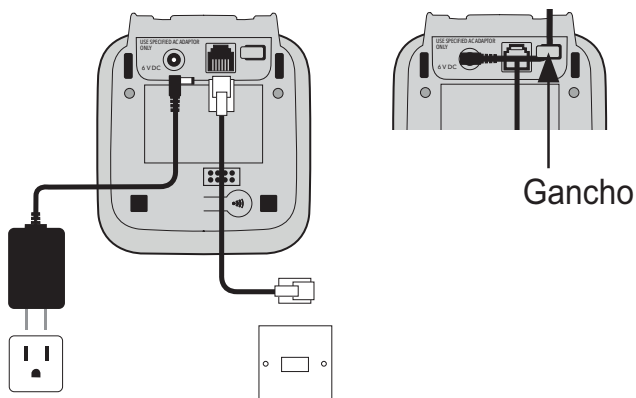
Enganche el cable para fijarlo.

Conecte el adaptador de corriente a la toma de corriente.

Conecte el cable de la línea telefónica a la toma de una sola línea telefónica (RJ11) hasta que escuche un clic.

Requiere un filtro DSL/ADSL (no incluido) si dispone de este tipo de servicio.

Nota:

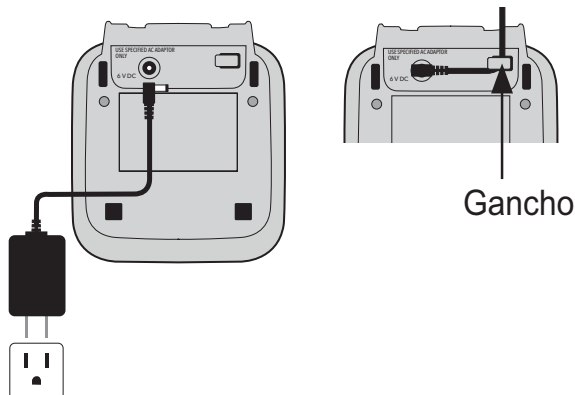Use solo el adaptador de corriente AT-332A-060045A que se incluye.

Gancho

Cargador

Conecte el adaptador de corriente alterna a la unidad presionándolo firmemente.

Enganche el cable para fijarlo.

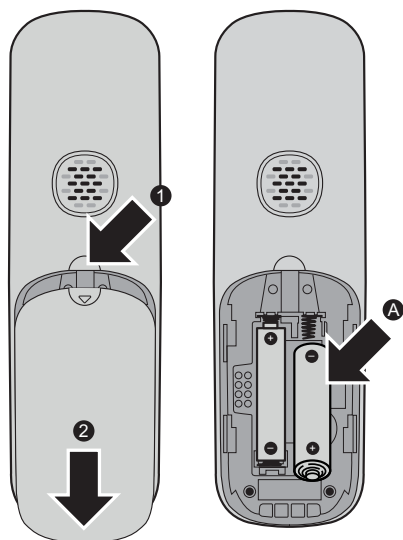Conecte el adaptador de corriente a la toma de corriente.

Gancho

Nota:

Use solo el adaptador de corriente AT-332A-060045A que se incluye.

Instalación y carga de la batería

Cargue durante al menos 8 horas.

1 Presione ❶ hacia abajo.

2 Deslice la tapa del auricular ❷.

3 Inserte las baterías y, a continuación, cierre la tapa del auricular.

Cuando el auricular necesite carga, la pantalla mostrará el mensaje **"Batería baja"** y se emitirá un pitido de advertencia cada 2 minutos durante una llamada. Recargue el auricular antes de usarlo nuevamente. Cuando se esté cargando el dispositivo, se mostrará el icono ▮▮▮ con sus barras en movimiento.
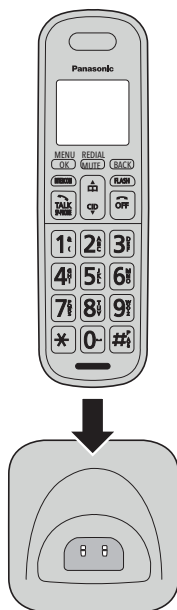
Nota

Use solo baterías recargables de Ni-MH GPI International Ltd. 30AAAHC que se suministra (Ⓐ).

NO utilice baterías alcalinas, de manganeso ni de Ni-Cd.

Cambie el idioma de la pantalla.

Confirme que las polaridades estén correctas.

Sugerencias de operación

1 〖**MENU/OK**〗para abrir el menú principal.

2 〖▲〗o〖▼〗: opciones disponibles.

3 〖**MENU/OK**〗para seleccionar una opción.

4 Para volver al nivel de menú anterior, oprima〖**MUTE/BACK**〗.

5 Para salir del menú y regresar a espera, oprima〖**OFF**〗.

Cambio de idiomas (predeterminado: "English")

1 〖**MENU/OK**〗,〖▼〗 **"Personal setting" (Ajustes pers.)**, oprima〖**MENU/OK**〗.

2 〖▼〗**"Language" (Idioma)**,〖**MENU/OK**〗.

3 〖▲〗o〖▼〗: Para seleccionar el idioma deseado, oprima〖**MENU/OK**〗.

Fecha y hora

1 〖**MENU/OK**〗,〖▼〗 **"Reloj/Alarma"**,〖**MENU/OK**〗.

2 **"Fecha y hora"**,〖**MENU/OK**〗.

3 Introduzca la fecha con el teclado,〖**MENU/OK**〗.

4 Introduzca la hora con el teclado,〖**MENU/OK**〗.

Operaciones básicas

Cómo hacer y contestar llamadas	
Para hacer llamadas	Marque el número telefónico. →〖**TALK/SP-PHONE**〗.
Para contestar llamadas	〖**TALK/SP-PHONE**〗.
Para colgar	〖**OFF**〗.
Para ajustar el volumen del receptor o del altavoz	Oprima repetidamente〖▲〗o〖▼〗durante la llamada.
Para hacer una llamada usando la lista de remarcación	**1**〖**REDIAL**〗. **2**〖▲〗o〖▼〗: Seleccione la entrada deseada. **3**〖**TALK/SP-PHONE**〗.
Para ajustar el volumen del timbre	Oprima repetidamente〖▲〗o〖▼〗para elegir el volumen deseado mientras el teléfono suena.

Directorio telefónico	
Para añadir entradas	**1** 〔**MENU/OK**〕 **"Directorio"**. **2** 〔**MENU/OK**〕, 〔**▼**〕 **"Agregar nueva"**. **3** 〔**MENU/OK**〕 **"Introd. nombre"**. **4** Introduzca el nombre, 〔**MENU/OK**〕 se muestra la opción **"Introd. número"**. **5** Introduzca el nombre, 〔**MENU/OK**〕.
Para hacer llamadas	**1** 〔**▲**〕📖. **2** 〔**▲**〕 o 〔**▼**〕 : Seleccione la entrada deseada. O Introduzca la primera letra del nombre deseado para realizar una búsqueda en orden alfabético. Se mostrará el primer nombre que comience con dicha letra o con la letra más cercana del alfabeto. 〔**▲**〕 o 〔**▼**〕 : Seleccione la entrada deseada. **3** 〔**TALK/SP-PHONE**〕.

Preguntas frecuentes	
Preguntas	**Causa/Solución**
¿Por qué no se muestra ▯▮▮?	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 registro del auricular está cancelado. Registre el auricular a la unidad base.
	En la unidad base:
	1 Mantenga oprimido 〔•))〕 durante 5 segundos.
	En el auricular:
	2 Si se muestra **"No registrado"**, 〔**MENU/OK**〕. Introduzca el código PIN de 4 dígitos (0000), 〔**MENU/OK**〕.
	3 Si se muestra **"Buscando…"** o **"No disponible"**, 〔**MENU/OK**〕, 〔▼〕 **"Ajuste avanz."**, 〔**MENU/OK**〕.
	4 〔▼〕 **"Registrar"**, 〔**MENU/OK**〕. Introduzca el código PIN de 4 dígitos (0000), 〔**MENU/OK**〕.
¿Cómo se incrementa el nivel de volumen del auricular?	Oprima repetidamente la tecla de volumen 〔▲〕 mientras habla.
¿Por qué hay ruido o se corta la conversación?	Trate de reubicar la unidad base de forma que se minimice la distancia al auricular.
	Si ocurre el mismo problema incluso con el auricular junto a la unidad base, visite: **http://shop.panasonic.com/support**
¿Es posible mantener cargando las baterías todo el tiempo?	Puede dejar el auricular en la unidad base o el cargador en cualquier momento.
¿Cómo se contestan las llamadas en espera (2a llamada)?	Oprima 〔**FLASH**〕 cuando escuche el tono de llamada en espera.

Customer services

Shop
Accessories!

for all your Panasonic gear

Go to

http://shop.panasonic.com/support

Get everything you need to get the most out of your Panasonic products

Accessories & Parts for your Camera, Phone, A/V products, TV, Computers & Networking, Personal Care, Home Appliances, Headphones, Batteries, Backup Chargers & more…

Customer Services Directory

For Product Information, Operating Assistance, Parts, Owner's Manuals, Dealer and Service info go to http://shop.panasonic.com/support

For the hearing or speech impaired TTY: 1- 877-833-8855

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.

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, commercial use such as hotel, office, restaurant, or other business 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:

> Panasonic Corporation of North America
> Consumer Affairs Department 8th Fl.
> Two Riverfront Plaza
> Newark NJ 07102-5490

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

As of January 2020

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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 **Use rechargeable Ni-MH batteries.**
   (Alkaline/Manganese/Ni-Cd batteries CANNOT be used.)

④ Read **troubleshooting** page in the **Operating Instructions.**

Visit our Web site: http://shop.panasonic.com/support
• **FAQ and troubleshooting hints are available.**

For your future reference

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

Serial No.	Date of purchase
(found on the bottom of the base unit) Name and address of dealer	

Attach your purchase receipt here.

Panasonic Corporation of North America

Two Riverfront Plaza, Newark, NJ 07102-5490

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