

Panasonic®

Operating Instructions

Digital Cordless Phone

Model No. **KX-TG1611AL**
KX-TG1612AL



Model shown is KX-TG1611.

***Before initial use, see “Getting Started”
on page 6.***

Thank you for purchasing a Panasonic product.

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

This unit is compatible with Caller ID. You must subscribe to the appropriate service offered by your service provider/telephone company.

**Please access our online customer survey:
<http://panasonic.net/pcc/tel/q>**

Introduction

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.

For your safety

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

WARNING

Power connection

- Use only the power source marked on the product.
- Do not overload power outlets and extension cords. This can result in the risk of fire or electric shock.
- Completely insert the AC adaptor/power plug into the power outlet. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.
- Regularly remove any dust, etc. from the AC adaptor/power plug by pulling it from the power outlet, then wiping with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc. resulting in a fire.
- Unplug the product from power outlets if it emits smoke, an abnormal smell, or makes an unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped emitting and contact an authorised service centre.
- Unplug from power outlets and never touch the inside of the product if its casing has been broken open.
- Never touch the plug with wet hands. Danger of electric shock exists.

Installation

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Do not place or use this product near automatically controlled devices such as automatic doors and fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.
- Do not allow the AC adaptor or telephone line cord to be excessively pulled, bent or placed under heavy objects.
- It is advised not to use the equipment at a refuelling point. Users are reminded to observe restrictions on the use of radio

equipment in fuel depots, chemical plants or where blasting operations are in progress.

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 socket, and do not use.

Medical

- Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids, to determine if they are adequately shielded from external RF (radio frequency) energy. (The product operates in the frequency range of 1.88 GHz to 1.90 GHz, and the RF transmission power is 250 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 sockets in wet locations unless the socket is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.
- This product is unable to make calls when:
 - the handset batteries need recharging or have failed.
 - there is a power failure.

Battery

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

General notices

- Please ensure that a separate telephone, not dependent on local power, is available for emergency use.
- This equipment will be inoperable when mains power fails.
- When a failure occurs which results in the internal parts becoming accessible, disconnect the power supply cord immediately and return this unit to an authorised service centre.
- To minimise the possibility of lightning damage, when you know that a thunderstorm is coming, we recommend that you:
 - Unplug the telephone line cord from the phone socket.
 - Unplug the AC adaptor from the AC power outlet.
- No "000" or other calls can be made from this device during a mains power failure.
- The earpiece on the handset is magnetised and may retain small metallic objects.

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 (including 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 radiators, cookers, etc. It should not be placed in rooms where the temperature is less than 0 °C or greater than 40 °C. 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 cloth.**
- Do not use benzine, thinner, or any abrasive powder.

Other information

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.

Information on Disposal in other Countries outside the European Union



These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

Specifications

- **Standard:**
GAP (Generic Access Profile)
- **Frequency range:**
1.88 GHz to 1.90 GHz
- **RF transmission power:**
Approx. 10 mW (average power per channel)
- **Power source:**
220–240 V AC, 50/60 Hz
- **Power consumption:**
Base unit:
Standby: Approx. 0.5 W
Maximum: Approx. 3.0 W
Charger:
Standby: Approx. 0.3 W
Maximum: Approx. 2.1 W
- **Operating conditions:**
0 °C – 40 °C, 20 % – 80 % relative air humidity (dry)

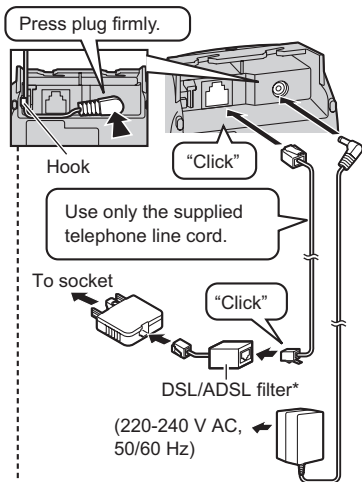
Note:

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

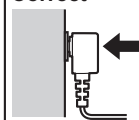
Setting up

Connections

- Use only the supplied Panasonic AC adaptor PNLV226AL.



Correct

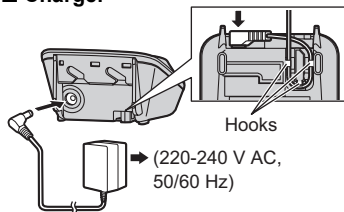


Wrong



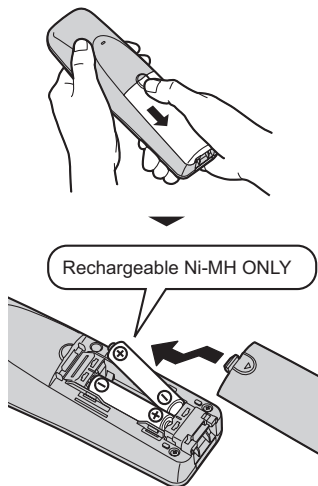
*DSL/ADSL filter (not supplied) is required if you have DSL/ADSL service.

■ Charger



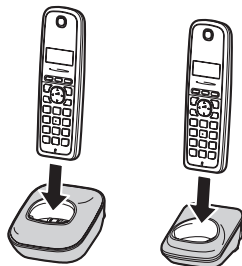
Battery installation

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



Battery charging

Charge for about 7 hours.



Note when setting up

Note for connections

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

During a power failure

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





Note for battery installation

- Use the supplied rechargeable batteries. For replacement, we recommend using the Panasonic rechargeable batteries noted on page 4, 7.
- Wipe the battery ends (⊕, ⊖) with a dry cloth.
- Avoid touching the battery ends (⊕, ⊖) or the unit contacts.

Note for battery charging

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

Battery level

Icon	Battery level
	High
	Medium
	Low
	Needs charging.

Panasonic Ni-MH battery performance (supplied batteries)

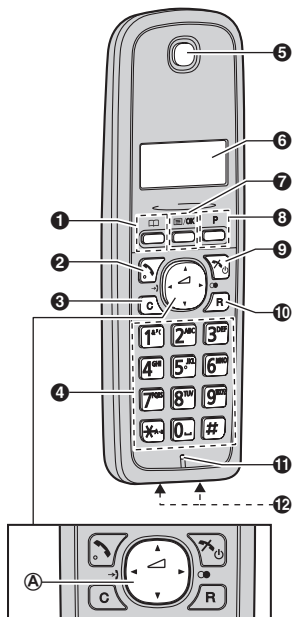
Operation	Operating time
In continuous use	10 hours max.
Not in use (standby)	120 hours max.

Note:

- It is normal for batteries not to reach full capacity at the initial charge. Maximum battery performance is reached after a few complete cycles of charge/discharge (use).
- Actual battery performance depends on usage and ambient environment.
- Even after the batteries are fully charged, the handset can be left on the base unit or charger without any ill effect on the batteries.
- The battery level may not be displayed correctly after you replace the batteries. In this case, place the handset on the base unit or charger and let it charge for at least 7 hours.

Controls

Handset

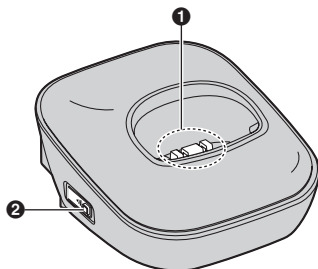


- 1 [☐] (Phonebook)
- 2 [☎] (Talk)
- 3 [C] (Clear)
- 4 Dial keypad
- 5 Receiver
- 6 Display
- 7 [☰/OK] (Menu/OK)
- 8 [P] (Pause)
- 9 [⏻] (Off/Power)
- 10 [R] (Recall/Flash)
- 11 Microphone
- 12 Charge contacts

Ⓐ Navigator key

- [▲], [▼], [←], or [→]: Scroll through various lists and items.
- [⏻] (Volume: [▲] or [▼]): Adjust the receiver or speaker volume while talking.
- [←] (→) (Caller list): View the caller list.
- [▶] (●) (Redial): View the redial list.

Base unit



- 1 Charge contacts
- 2 [Ⓜ] (Locator)

Turning the power on/off

Power on

Press [⏻] for about 1 second.

Power off

Press [⏻] for about 2 seconds.

Making calls

- 1 Lift the handset and dial the phone number.
 - To correct a digit, press [C].
- 2 [↶]
- 3 When you finish talking, press [📞] or place the handset on the base unit or charger.

Adjusting the receiver volume

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

Making a call using the redial list

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

- 1 [▶] (●)
- 2 [↕]: Select the desired phone number.
- 3 [↶]

Answering calls

- 1 Lift the handset and press [↶] when the unit rings.
 - You can also answer the call by pressing any dial key from [0] to [9], [✖], or [#]. **(Any key answer feature)**
- 2 When you finish talking, press [📞] or place the handset on the base unit or charger.

Auto talk

You can answer calls simply by lifting the handset off the base unit or charger. You do not need to press [↶]. To turn this feature on, see page 18.

Adjusting the handset ringer volume

- **While the handset is ringing for an incoming call:**
Press [▲] or [▼] repeatedly to select the desired volume.

■ Programming the volume beforehand:

- 1 [☑/OK]
- 2 [↕]: "Ringer Setup" → [☑/OK]
- 3 [↕]: "Volume" → [☑/OK]
- 4 [↕]: Select the desired volume.
- 5 [☑/OK] → [📞]

Handset phonebook

The phonebook allows you to make calls without having to dial manually. You can add 50 names and phone numbers, and confirm the number of entries (page 17).

Adding entries

- 1 [□]
 - 2 [↕]: “New Entry” → [☒/OK]
 - 3 Enter the party's name (12 characters max.). → [☒/OK]
 - You can change the character entry mode by pressing [P] (page 25).
 - 4 Enter the party's phone number (24 digits max.). → [☒/OK] 2 times
 - To add other entries, press [☒/OK] and repeat from step 3.
 - 5 [↵]
-

Confirming the number of entries

- 1 [□]
 - 2 [↕]: “Memory” → [☒/OK]
 - 3 [↵]
-

Finding and calling from a phonebook entry

Scrolling through all entries

- 1 [□]
- 2 [↕]: “Show List” → [☒/OK]
- 3 [↕]: Select the desired entry.
 - To view the phone number, press [☒/OK]. → [↕]: “Phone No.” → [☒/OK]
- 4 [↶]

Using Caller ID service

Important:

- This unit is Caller ID compatible. To use Caller ID features (such as displaying caller phone numbers), you must subscribe to a Caller ID service. Contact your service provider/ telephone company for details.

Caller ID features

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



- If the unit cannot receive caller information, the following is displayed:
 - **“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.

Registering a handset to the base unit


1 Handset:


[/OK]

2 []: "Setup" → [/OK]


3 []: "Register HS" → [/OK]

4 Base unit:

Press and hold [] for about 5 seconds. (No registration tone)

- If all registered handsets start ringing, press [] again to stop, then repeat this step. (KX-TG1612)
- The next step must be completed within 90 seconds.

5 Handset:

Wait until "PIN: ____" is displayed. → Enter the base unit PIN (default: "0000"). → [/OK]


- If you forget your PIN, contact an authorised service centre.

6 Enter the desired handset number you want to register.

- When the handset has been registered successfully,  stops flashing.

Deregistering a handset


A handset can cancel its own registration to the base unit, or other handsets registered to the same base unit. This allows the handset to end its wireless connection with the system.

1 [/OK]#131 → Enter the base unit PIN.

- All handsets registered to the base unit are displayed.

2 Enter the desired handset number you want to cancel. → [/OK]

- A confirmation tone sounds.

3 []

Instructions to customer

Installation

Install this telephone yourself by simply plugging it into the line socket for any regular telephone. You may connect it in place of your existing telephone or to any spare telephone socket installed in your premises.

To disconnect your existing telephone you must first remove its plug from the line socket. You can then insert the plug of this telephone into the socket and use your equipment.

If the plug of your existing telephone cannot be readily removed, you will have to remove the screw securing it. To do this proceed as follows:

- 1 Loosen screw "A" sufficiently to remove the socket cover. (See Fig. 1.)
- 2 Remove screw "B" and withdraw the plug. (See Fig. 2.)
- 3 Replace screw "B". (See Fig. 3.) Ensure that it screws completely into the socket recess. (If the screw is too long, increase the hole depth or replace the screw with one 5 mm shorter.)
- 4 Replace the socket cover and tighten screw "A". (See Fig. 4.)

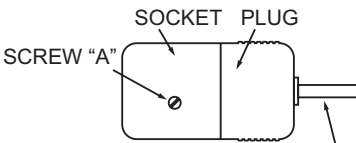


Fig. 1

TELEPHONE CORD
(Connect to the PLUG
as shown in Fig. 1.)

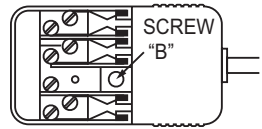


Fig. 2



Fig. 3

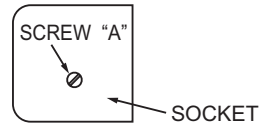


Fig. 4

If you are satisfied with the operation of your telephone service after plugging in your cordless telephone, your installation is completed.

You will be unable to connect this cordless telephone if your telephone service consists only of a wall phone or an old style telephone which is not connected by means of a modern plug and socket. In such cases a new socket will need to be installed.

Useful Information

Should the cordless telephone not operate when plugged into a socket, it is either faulty or unsuitable for operation with your telephone service. It should be returned to the store where purchased or to an Authorised Service Centre.

Service difficulties

If at any time a fault occurs on your telephone service carry out the following checks before you call for service:

- Disconnect the cordless telephone and try using the service with the normal telephone.
- If the telephone service then operates satisfactorily, the fault is in your cordless telephone. Leave the cordless telephone disconnected and report the fault to its supplier or agent to arrange for repair.
- If when using the telephone the service is still faulty, report the fault to "Service Difficulties and Faults" for attention.

Keep this cordless telephone in good working order while it is connected to your telephone service. Its construction or internal circuit must not be modified in any way.

Warning:

This cordless telephone system does not incorporate provision for secrecy of conversations. Appropriately tuned radio equipment and other cordless telephone systems in close proximity may be used by a third party to monitor and possibly interrupt conversations in progress when this system is on radio operation.

**Customer Care Centre Tel. No.: 132600
or website www.panasonic.com.au**

 **N52**

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