

Panasonic®

Operating Instructions

5.8 GHz Digital Cordless Phone

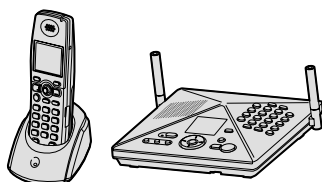
Model No. **KX-TG5621**

5.8 GHz Digital Cordless Phone
with Dual Handsets

Model No. **KX-TG5622**

5.8 GHz Digital Cordless Phone
with Three Handsets

Model No. **KX-TG5623**



Model shown is KX-TG5621.

5.8 GHz Digital Cordless
Answering System

Model No. **KX-TG5631**

Model No. **KX-TG5651**

5.8 GHz Digital Cordless
Answering System with Dual Handsets

Model No. **KX-TG5632**

Model No. **KX-TG5652**

5.8 GHz Digital Cordless
Answering System with Three Handsets

Model No. **KX-TG5633**

Model No. **KX-TG5653**

5.8 GHz Digital Cordless
Answering System with Four Handsets

Model No. **KX-TG5634**

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

Charge the handset battery for 6 hours before initial use.

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

For assistance, visit our website:

<http://www.panasonic.com/phonehelp> for customers in the U.S.A. or Puerto Rico.

Table of Contents

Introduction

Your phone	3
Accessory information	8
Important safety instructions	11
For best performance	13

Preparation

Setting up the base unit	14
Setting up the handset	16
Battery charge	17
Battery replacement	18
Controls	19
Displays	23
Symbols used in these operating instructions	24
Setting the unit before use	24

Making/Answering Calls

Making calls	26
Answering calls	27
Useful features during a call	27

Phonebook

Handset phonebook	29
Copying handset phonebook items	31

Caller ID Service

Using Caller ID service	32
Caller list	34

Programming

Programmable settings	36
---------------------------------	----

Answering System

Answering system feature	40
Setting up the answering system	41
Listening to messages using the base unit	42
Listening to messages using the handset	43
Remote operation	44

Answering system settings	45
-------------------------------------	----

Voice Mail Service

Using Voice Mail service	47
------------------------------------	----

Multi-unit Operation

Handset locator	49
Intercom	49
Transferring a call	50
Conference calls	51
Call share	51
Registering a unit	52

Useful Information

Wall mounting	53
Belt clip (optional)	57
Headset (optional)	57
Error messages	58
Troubleshooting	59
FCC and other information	64
Specifications	68
Warranty	69
Customer services	71

Index

Index	72
-----------------	----

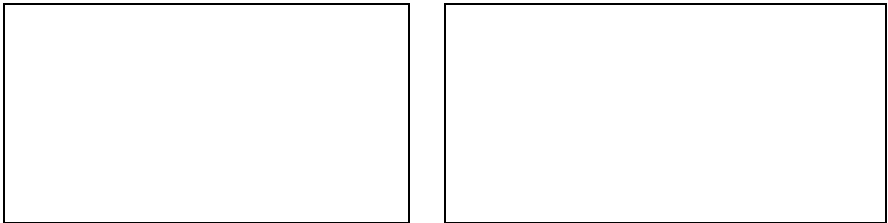
Introduction

Your phone

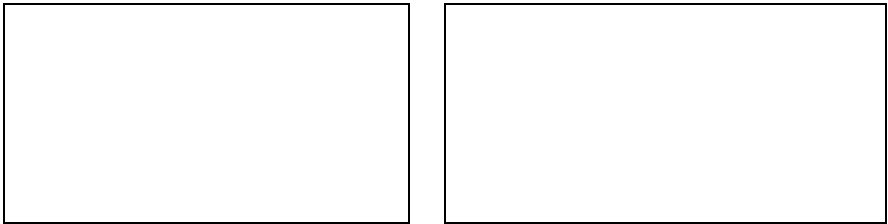
Thank you for purchasing a Panasonic cordless telephone.

These operating instructions can be used for the following models:

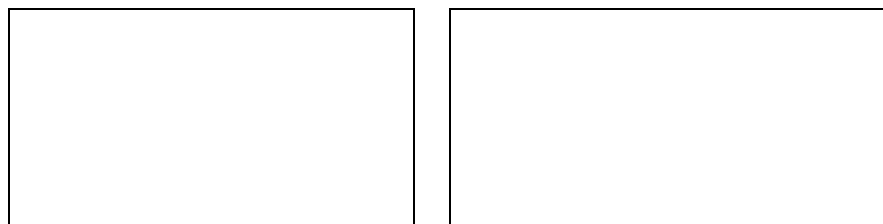
■ **KX-TG5621/KX-TG5622/KX-TG5623**



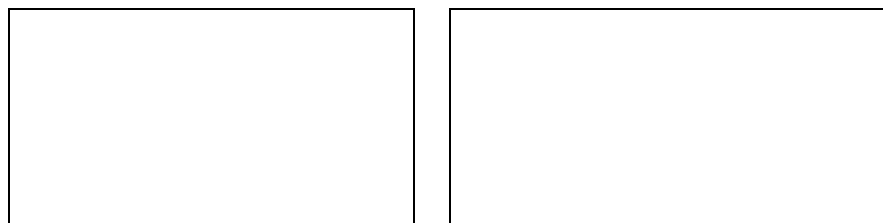
■ **KX-TG5631/KX-TG5632/KX-TG5633/KX-TG5634**



Introduction



■ KX-TG5651/KX-TG5652/KX-TG5653



Important:

- References in these operating instructions to the charger and multiple handsets are for KX-TG5622, KX-TG5623, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5652, and KX-TG5653 users only.

Introduction

Main feature differences among these models

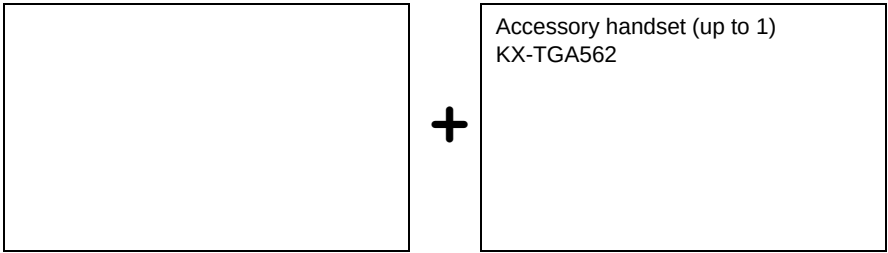
Feature	KX-TG5621 KX-TG5622 KX-TG5623	KX-TG5631 KX-TG5632 KX-TG5633 KX-TG5634	KX-TG5651 KX-TG5652 KX-TG5653	Page
Answering system	–	●	●	45
Voice mail service	●	–	–	47
Talking Caller ID	–	–	●	32

Introduction

Expanding your phone system

For the following models, you can expand the system by adding an accessory handset(s), sold separately.

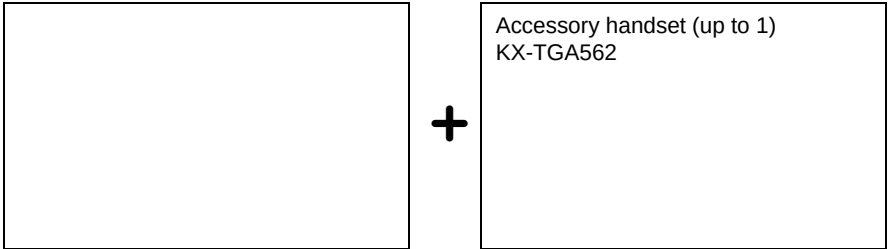
■ **KX-TG5622**



■ **KX-TG5632**

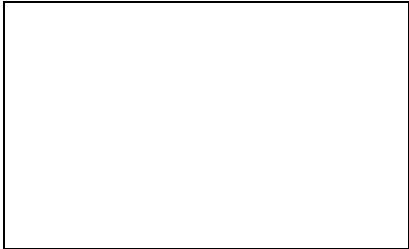


■ **KX-TG5633**

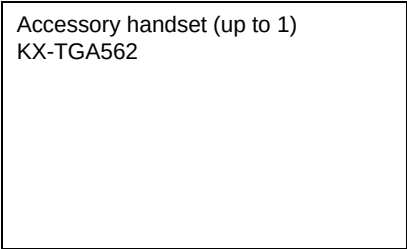


Introduction

■ KX-TG5652



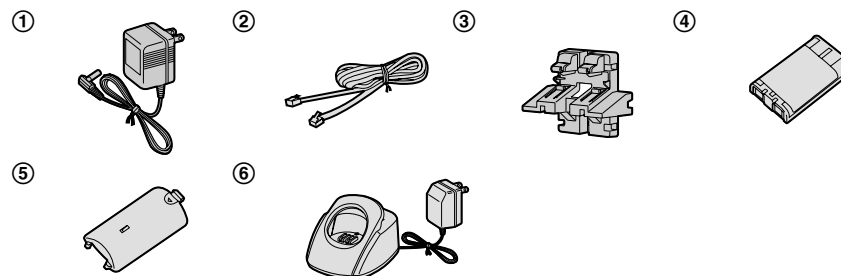
+



Introduction

Accessory information

Included accessories



■ KX-TG5621/KX-TG5622/KX-TG5623

No.	Accessory items	Order number	Quantity			
			KX-TG 5621S	KX-TG 5621W	KX-TG 5622M	KX-TG 5623M
①	AC adaptor for base unit	PQLV1Z	1	1	1	1
②	Telephone line cord	PQJA10075Z	1	1	1	1
③	Wall mounting adaptor	PQKL10068Z1	1	—	—	—
		PQKL10068Z2	—	—	1	1
		PQKL10068Z3	—	1	—	—
④	Battery	HHR-P104	1	1	2	3
⑤	Handset cover	PQYNTG5421SR	1	—	—	—
		PQYNTG5421WR	—	1	—	—
		PQYNTG5432MR	—	—	2	3
⑥	Charger	PQLV30030ZM	—	—	1	2
	AC adaptor for charger	KX-TCA1-G	—	—	1	2

Introduction

■ KX-TG5631/KX-TG5632/KX-TG5633/KX-TG5634

No.	Accessory items	Order number	Quantity					
			KX-TG 5631S	KX-TG 5631W	KX-TG 5632B	KX-TG 5632M	KX-TG 5633M	KX-TG 5634M
①	AC adaptor for base unit	PQLV1Z	1	1	1	1	1	
②	Telephone line cord	PQJA10075Z	1	1	1	1	1	
③	Wall mounting adaptor	PQKL10068Z1	1	—	—	—	—	
		PQKL10068Z2	—	—	1	1	1	
		PQKL10068Z3	—	1	—	—	—	
④	Battery	HHR-P104	1	1	2	2	3	
⑤	Handset cover	PQYNTG5421SR	1	—	—	—	—	
		PQYNTG5421WR	—	1	—	—	—	
		PQYNTG5432BR	—	—	2	—	—	
		PQYNTG5432MR	—	—	—	2	3	
⑥	Charger	PQLV30030ZB	—	—	1	—	—	
		PQLV30030ZM	—	—	—	1	2	
	AC adaptor for charger	KX-TCA1-G	—	—	1	1	2	

■ KX-TG5651/KX-TG5652/KX-TG5653

No.	Accessory items	Order number	Quantity		
			KX-TG5651	KX-TG5652	KX-TG5653
①	AC adaptor for base unit	PQLV1Z	1	1	
②	Telephone line cord	PQJA10075Z	1	1	
③	Wall mounting adaptor	PQKL10068Z1	1	—	
		PQKL10068Z2	—	1	
④	Battery	HHR-P104	1	2	

Introduction

No.	Accessory items	Order number	Quantity		
			KX-TG5651	KX-TG5652	KX-TG5653
⑤	Handset cover	PQYNTG5421SR	1	—	
		PQYNTG5432MR	—	2	
⑥	Charger	PQLV30030ZM	—	1	
	AC adaptor	KX-TCA1-G	—	1	

Additional/replacement accessories

Accessory items	Order number
Rechargeable nickel metal hydride (Ni-MH) battery	HHR-P104
Accessory handset with charger	KX-TGA562
Headset	KX-TCA60, KX-TCA86, KX-TCA88HA, KX-TCA91, KX-TCA92, or KX-TCA98
Battery back-up power supply	KX-TCA200

Sales and support information

- To order replacement accessories, call 1-800-332-5368.
- TTY users (hearing or speech impaired users) can call 1-866-605-1277.

Introduction

Important safety instructions

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

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

SAVE THESE INSTRUCTIONS

Introduction

CAUTION:

Installation

- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Do not touch the plug with wet hands.
- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.

Battery

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

- Use only the battery(ies) specified.
- Do not dispose of the battery(ies) in a fire. They may explode. Check with local waste management codes for special disposal instructions.
- Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
- Exercise care when handling the battery(ies). Do not allow conductive materials such as rings, bracelets or keys to touch the battery(ies), otherwise a short circuit may cause the battery(ies) and/or the conductive material to overheat and cause burns.

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

WARNING:

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Unplug the product from power outlets if it emits smoke, an abnormal smell, or makes an unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped and contact the Panasonic Call Center at 1-800-211-PANA (7262).

Medical

- Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids, to determine if they are adequately shielded from external RF (radio frequency) energy. (The product operates in the frequency range of 5.76 GHz to 5.84 GHz, and the power output is 125 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 (radio frequency) energy.

Introduction

For best performance

Base unit location/noise

The base unit and other compatible Panasonic units use radio waves to communicate with each other. For maximum distance and noise-free operation, we recommend the following:

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

Environment

- Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.
- The product should be kept free from excessive smoke, dust, high temperature, and vibration.
- The product should not be exposed to direct sunlight.
- Do not place heavy objects on top of the product.

- When you leave the product unused for a long period of time, unplug the product from the power outlet.
- The product should be kept away from heat sources such as heaters, kitchen stoves, etc. It should not be placed in rooms where the temperature is less than 5 °C (41 °F) or greater than 40 °C (104 °F). Damp basements should also be avoided.
- The maximum calling distance may be shortened when the product is used in the following places: Near obstacles such as hills, tunnels, underground, near metal objects such as wire fences, etc.
- Operating near 5.8 GHz electrical appliances may cause interference. Move away from the electrical appliances.

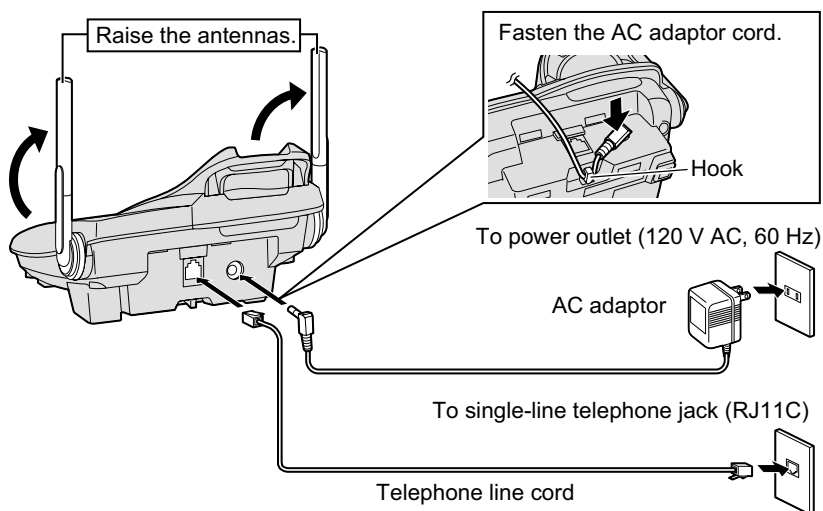
Routine care

- Wipe the outer surface of the product with a soft moist cloth. Do not use benzine, thinner, or any abrasive powder.

Preparation

Setting up the base unit

Connecting the AC adaptor



Note:

- Use only the included Panasonic AC adaptor PQLV1.
- 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 will not work during a power failure. We recommend connecting a standard telephone to the same telephone line or to the same telephone jack using a Panasonic T-adaptor. Emergency power can be supplied to the unit by connecting a Panasonic battery back-up power supply noted on page 10.

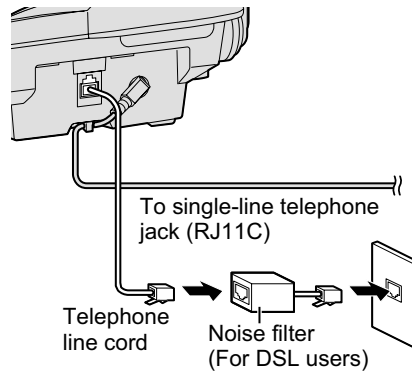
Preparation

Connecting the telephone line cord

If you subscribe to a DSL service

Please attach a noise filter (contact your DSL provider) to the telephone line between the base unit and the telephone line jack in the event of the following:

- Noise is heard during conversations.
- Caller ID features (page 32) do not function properly.



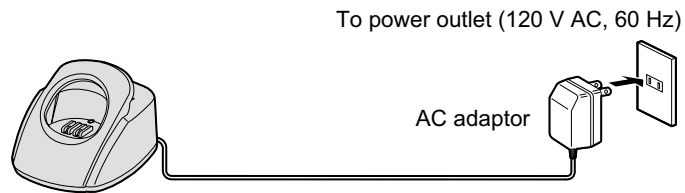
Preparation

Setting up the handset

Connecting the AC adaptor

Available model:

KX-TG5622, KX-TG5623, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5652, KX-TG5653

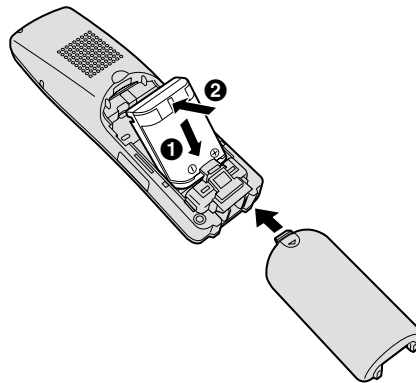


Note:

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

Battery installation

Insert the battery (❶), and press it down until it snaps into the compartment (❷). Then close the handset cover.



Preparation

Battery charge

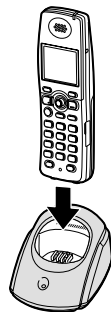
Place the handset on the base unit or charger for **6 hours** before initial use. While charging, "**Charging**" is displayed and the CHARGE indicator on the base unit lights. When the battery is fully charged, "**Charge completed**" is displayed.

Base unit:

Charger:

Available model:

KX-TG5622, KX-TG5623, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5652, KX-TG5653



Note:

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

Battery strength

Battery icon	Battery strength
	Fully charged
	Medium
	Low When flashing: needs to be recharged.
	Discharged

Note:

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

Panasonic battery performance

Operation	Operating time
While in use (talking)	Up to 5 hours
While not in use (standby)	Up to 11 days
While using the clarity booster feature (page 28)	Up to 3 hours

Preparation

Note:

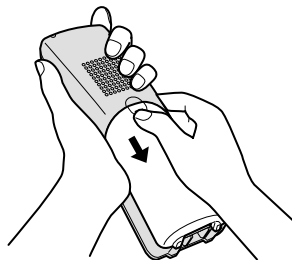
- Battery operating time may be shortened over time depending on usage conditions and ambient temperature.
- Battery power is consumed whenever the handset is off the base unit or charger, even when the handset is not in use. The longer you leave the handset off the base unit or charger, the shorter you can actually talk using the handset.
- Once the battery is fully charged, you do not have to charge it again until **"Recharge battery"** is displayed or  flashes. This will maximize the battery life.

Battery replacement

Important:

- Use only the rechargeable Panasonic battery noted on page 10.

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



- 2 Replace the old battery with a new one, and close the cover (page 16).

Attention:



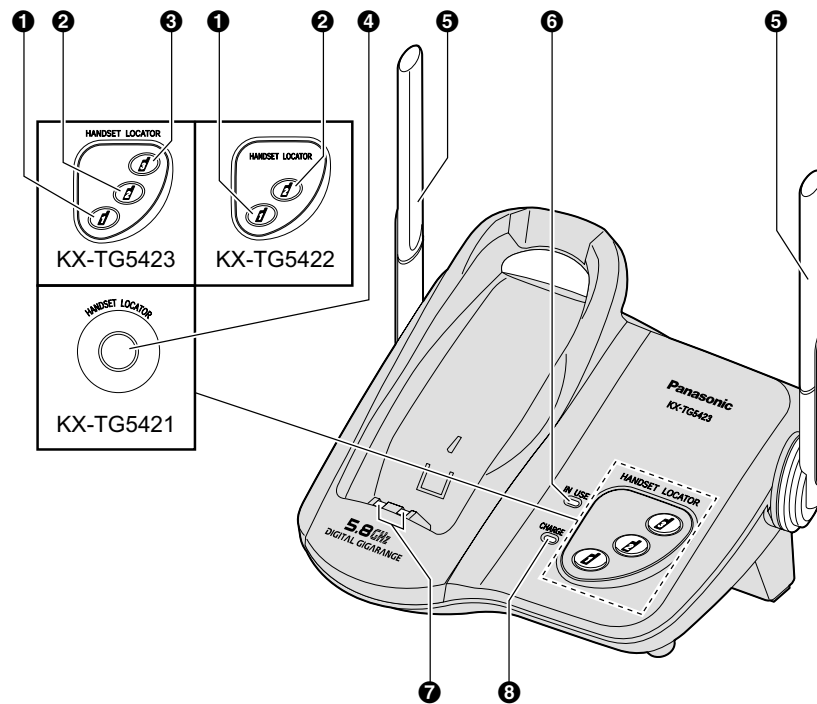
A nickel metal hydride battery that is recyclable powers the product you have purchased.
Please call 1-800-8-BATTERY for information on how to recycle this battery.

Preparation

Controls

Base unit

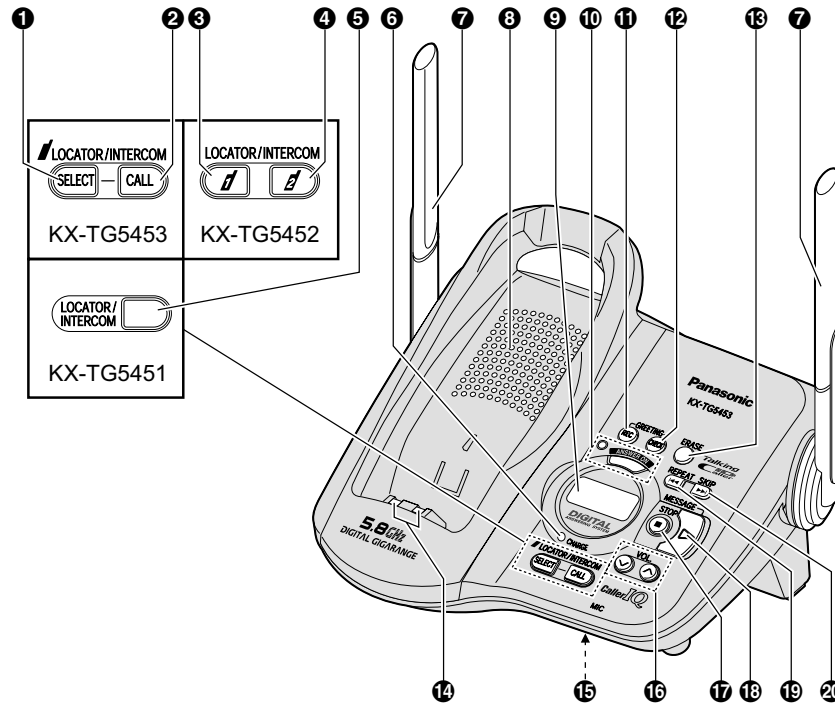
For KX-TG5621, KX-TG5622, and KX-TG5623



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

Preparation

For KX-TG5631, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5651, KX-TG5652, and KX-TG5653

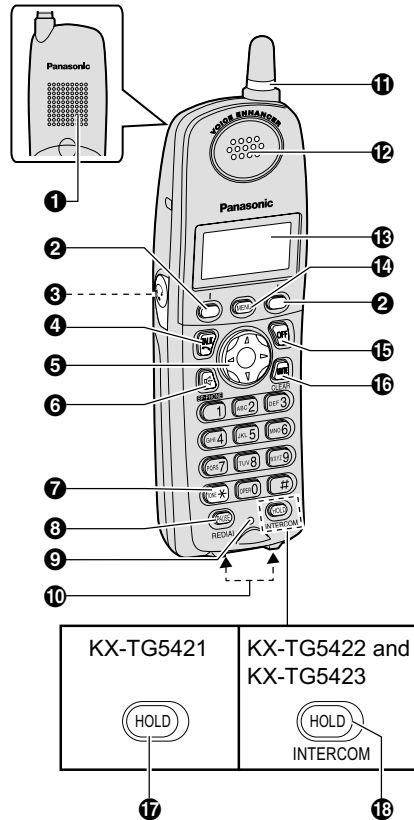


Preparation

- | | |
|------------------------------|-------------------------|
| ❶ [SELECT] | ❿ [GREETING CHECK] |
| ❷ [CALL] | ⓫ [ERASE] |
| ❸ [LOCATOR/INTERCOM] | ⓬ Charge contacts |
| ❹ CHARGE indicator | ⓭ MIC (Microphone) |
| ❺ Antennas | ⓮ VOL. (Volume) [V] [^] |
| ❻ Speaker | ⓯ [STOP] |
| ❼ Display | ⓰ [MESSAGE] |
| ❽ [ANSWER ON] | MESSAGE indicator |
| ANSWER ON indicator | ⓱ [◀◀] (Repeat) |
| ❾ [GREETING REC] (Recording) | ⓲ [▶▶] (Skip) |

Preparation

Handset



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

❽ [FLASH] [CALL WAIT]

❾ Microphone

❿ Charge contacts

⓫ Ringer indicator
Message indicator

⓬ Receiver

⓭ Display

⓮ [MENU]

⓯ [OFF]

⓰ [PAUSE/REDIAL]

⓱ [HOLD]^{*1}

⓲ [HOLD] [INTERCOM]^{*2}

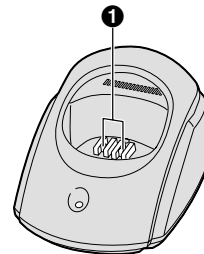
^{*1} For KX-TG5621

^{*2} For KX-TG5622, KX-TG5623, KX-TG5631, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5651, KX-TG5652, and KX-TG5653

Charger

Available model:

KX-TG5622, KX-TG5623, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5652, KX-TG5653



- ❶ Charge contacts

Preparation

Displays

Base unit display items

Available model:

KX-TG5631, KX-TG5632, KX-TG5633,
KX-TG5634, KX-TG5651, KX-TG5652,
KX-TG5653

Displayed item	Meaning
FULL	Flashes when message memory is full.
	Flashes when the date and time need to be set.
IN USE	Base unit is on an intercom call, or handset is using the answering system. When flashing: base unit is paging or is being paged.
LINE IN USE	The line is in use. When flashing: the call is put on hold or the answering system is answering a call. When flashing rapidly: a call is being received.
RINGER OFF	Base unit ringer is off.

Displayed item	Meaning
	Greeting message recording error
	Answering system is in greeting only mode (caller messages are not recorded).
	Handset number; displayed when paging or being paged. ^{*1}

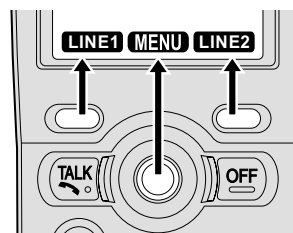
^{*1} KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5652, and KX-TG5653 only.

Handset display items

Displayed item	Meaning
	Voice enhancer is on.
	Battery strength

Handset soft keys

The handset features 2 soft keys. By pressing a soft key, you can select the feature shown directly above it.



Preparation

Symbols used in these operating instructions

Symbol	Meaning
" "	Example: " Ringer ID " Press [v] or [^] to select the words in quotations shown on the display.
→	Proceed to the next operation.
[]	The words in the brackets show button names. Example: [MENU] , [Save]

Setting the unit before use

Display language

The default setting is "**English**".

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

Note:

- If you select a language you cannot read, press **[MENU][0][8][1][Save]** to change the display language to English.

Dialing mode

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

"**Tone**": For tone dial service.

"**Pulse**": For rotary pulse dial service.

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

Date and time

Available model:

KX-TG5631, KX-TG5632, KX-TG5633,
KX-TG5634, KX-TG5651, KX-TG5652,
KX-TG5653

Set the date and time so that the unit announces the day and time each message was recorded by the answering

Preparation

system (page 40) when you play back messages.

1 [MENU] → [4]

2 Enter the current month, day, and year by selecting 2 digits for each.
Example: August 15, 2006
[0][8] [1][5] [0][6]

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

4 Press [AM/PM] to select "AM" or "PM".
→ [Save] → [OFF]

Note:

- If you make a mistake when entering the date and time, press [◀], [▶], [▼], or [▲] to move the cursor, then make the correction.

Making/Answering Calls

Making calls

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

Note:

- “**Line in use**” is displayed when someone is talking on another handset or another phone.

Using the speakerphone

- 1 During a conversation, press **[☎]** to turn on the speakerphone.
 - Speak alternately with the other party.
- 2 When you finish talking, press **[OFF]**.

Note:

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

Adjusting the receiver/speaker volume

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

Making a call using the redial list

The last 5 phone numbers dialed are stored in the redial list.

- 1 **[REDIAL]**

- 2 Press **[▼]** or **[▲]** to select the desired number.
 - To erase the displayed number, press **[Erase]**, then **[Yes]**.

- 3 **[↶]**

PAUSE button (for PBX/long distance service users)

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

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

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

- 2 **[↶]**

Note:

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

Making/Answering Calls

Answering calls

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

Auto talk

This feature allows you to answer a call by simply lifting the handset off the base unit or charger. You do not need to press [↶]. To activate this feature, see page 36.

Temporary ringer off

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

Useful features during a call

HOLD button

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

For KX-TG5621, KX-TG5631, and KX-TG5651

Press [HOLD] during an outside call.

- To release the hold, press [↶].

For KX-TG5622, KX-TG5623, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5652, and KX-TG5653

- 1 Press [HOLD] during an outside call.
 - To transfer the call to another handset, continue from step 2, "Transferring calls", page 50.
- 2 Press [HOLD] again.
 - To release the hold, press [↶].
 - Another handset user can take the call by pressing [↶] or [↷].

Note:

- "Line on hold" is displayed on the other handsets.

Mute

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

To mute your voice, press [Mute].

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

Making/Answering Calls

FLASH button

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

Note:

- To change the flash time, see page 37.

For Call Waiting service users

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

This feature allows you to receive calls while you are already talking on the phone. If you receive a call while on the phone, you will hear a Call Waiting tone. Please contact your telephone company for details and availability of this service in your area.

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

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

Temporary tone dialing (for rotary/pulse service users)

You can temporarily switch the dialing mode to tone when you need to access touch tone services (for example, answering services, telephone banking services, etc.).

Press **[*]** (TONE) before entering access numbers which require tone dialing.

Handset clarity booster

This feature can improve sound clarity when the handset is used in an area where

there may be interference. During an outside call, this feature is turned on automatically when necessary. You can also turn this feature on or off manually.

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

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

Note:

- While this feature is turned on;
 - the battery operating time is shortened (page 17).
 - the maximum number of extensions that can be used at a time may decrease.

Handset voice enhancer

This feature clarifies the voice of the person you are talking to, reproducing a more natural-sounding voice that is easier to hear and understand (page 37).

Press **[VE]** to turn on or off this feature.

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

Note:

- Depending on the condition and quality of your telephone line, this feature may emphasize existing line noise. If it becomes difficult to hear, turn this feature off.

Phonebook

Handset phonebook

The handset phonebook allows you to make calls without having to dial manually. You can add 50 items to the handset phonebook and search for phonebook items by name.

Adding items to the handset phonebook

1 [Phonebook]

2 [Add]

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

4 Enter the phone number (max. 32 digits). → [Next] → [Save]
• To add other items, repeat from step 2.

5 [OFF]

Note:

- Caller ID subscribers can use ringer ID and light-up ID features (page 33).

Character table

Key	Character
[1]	& ' () , - . / 1
[2]	a b c A B C 2
[3]	d e f D E F 3
[4]	g h i G H I 4
[5]	j k l J K L 5
[6]	m n o M N O 6

Key	Character
[7]	p q r s P Q R S 7
[8]	t u v T U V 8
[9]	w x y z W X Y Z 9
[0]	0 Space
[*]	*
[#]	#

Note:

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

Editing/correcting a mistake

Press [◀] or [▶] to move the cursor to the character or number you want to erase, then press [Clear]. Enter the appropriate character or number.

Note:

- Press and hold [Clear] to erase all characters or numbers.

Finding and calling a handset phonebook item

Phonebook items can be searched for alphabetically by scrolling through the phonebook items or by initial. Once you have found the desired item, press [↶] to dial the phone number.

Searching for a name alphabetically by scrolling through all items

1 [Phonebook] → [Search]

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

Phonebook

Searching for a name by initial

- 1 **[Phonebook]** → **[Search]**
- 2 Press the dialing button (**[0]** to **[9]**, **[#]**, or **[*]**) that corresponds to the first letter you are searching for.

Example: "LISA"

Press **[5]** repeatedly to display any name with the initial "L".

- If there is no item corresponding to the letter you selected, the next item is displayed.

- 3 Select the desired item.

Editing items in the handset phonebook

- 1 Find the desired item (page 29). → **[Option]** → **"Edit"** → **[Select]**
- 2 Edit the name if necessary (page 29). → **[Next]**
- 3 Edit the phone number if necessary. → **[Next]** → **[Save]** → **[OFF]**

Erasing items in the handset phonebook

- 1 Find the desired item (page 29).
- 2 **[Erase]** → **[Yes]** → **[OFF]**

Chain dial

This feature allows you to dial phone numbers in the handset phonebook while you are on a call. This feature can be used,

for example, to dial a calling card access number or bank account PIN that you have stored in the handset phonebook, without having to dial manually.

- 1 During an outside call, press **[MENU]**.
- 2 **"Phonebook"** → **[Select]**
- 3 Find the desired item (page 29). → **[Call]**

Note:

- When storing a calling card access number and your PIN in the phonebook as one phonebook item, press **[PAUSE]** to add pauses after the number and PIN as necessary (page 26).
- If you have rotary or pulse service, you need to press **[*]** before pressing **[MENU]** in step 1 to change the dialing mode temporarily to tone.

Phonebook

Copying handset phonebook items

Available model:

KX-TG5622, KX-TG5623, KX-TG5632,
KX-TG5633, KX-TG5634, KX-TG5652,
KX-TG5653

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

Important:

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

Copying an item

- 1** [MENU] → [⇐][1]
- 2** Select the destination unit. → [Next]
- 3** Find the desired item (page 29). → [Send] → [OFF]

Copying all items

- 1** [MENU] → [⇐][2]
- 2** Select the destination unit. → [Send]
- 3** [OFF]

Caller ID Service

Using Caller ID service

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

Caller ID features

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

Caller information for the last 50 different callers is logged in the caller list, allowing you to return missed calls. Caller information is stored by the most recent call to the oldest.

- Generally caller information is displayed from the 2nd ring.
- If the unit cannot receive caller information, the following is displayed:
"Out of area": The caller dialed from an area which does not provide Caller ID service.
"Private caller": The caller requested not to send caller information.
"Long distance": The caller called you long distance.
- If the unit is connected to a PBX system, caller information may not be received properly. Consult your PBX supplier.

Private name display

Available model:

KX-TG5621, KX-TG5622, KX-TG5623,
KX-TG5631, KX-TG5632, KX-TG5633,
KX-TG5634

When caller information is received and it matches a phone number stored in the

handset phonebook, the stored name is displayed and logged in the caller list.

Call Waiting Caller ID display

If you subscribe to both Caller ID and Call Waiting with Caller ID services, the 2nd caller's information is displayed after you hear a Call Waiting tone (page 28).

Note:

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

Talking Caller ID

Available model:

KX-TG5651, KX-TG5652, KX-TG5653

This feature lets you know who is calling without looking at the display. When a call comes in, the handset and base unit announces the caller's name displayed on the handset following every ring.

To use this feature, you must subscribe to your telephone company's Caller ID service.

- Name pronunciation may vary. This feature may not pronounce all names correctly.
- Caller ID supports names of up to 15 letters. If the caller's name has more than 15 letters, the name is not displayed or announced correctly.
- Usually the unit announces the caller's name after the 2nd ring. If you turn on the answering system and set the ring count to "2" (page 45), the unit does not announce the caller's name. If "Toll saver" is selected and there is a new

Caller ID Service

message, the unit does not announce the caller's name.

- This feature can be turned on or off (page 38).

Ringer ID and light-up ID

This feature can help you identify who is calling by using different ringers and ringer indicator colors for different callers stored in the phonebook. You can assign a different ringer and indicator color to each phonebook item. When a call is received from a caller stored in the phonebook, the ringer and indicator color are used after Caller ID information is displayed.

- Usually the ringer and indicator color are changed from the 2nd ring.

Ringer ID

You can assign a different ringer tone to each caller in the phonebook. If you select **"No Ringer ID"**, the unit uses the ringer tone you set on page 37 when a call is received from that caller.

The default setting is **"No Ringer ID"**.

1 Find the desired item (page 29). → **[Option]**

2 **"Ringer ID"** → **[Select]**

3 Select the desired ringer tone.

4 **[Save]** → **[OFF]**

Light-up ID

You can assign a different ringer indicator color to each caller in the phonebook.

Select **"Color1"** (Amber), **"Color2"** (Yellow-green), **"Color3"** (Red), or **"Multicolor"**.

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

1 Find the desired item (page 29). → **[Option]**

2 **"Light-up ID"** → **[Select]**

3 Select the desired ringer indicator color.

4 **[Save]** → **[OFF]**

Caller ID Service

Caller list

Caller information for the last 50 different callers is logged in the caller list. You can use this list to return missed calls.

Missed calls

If a call is not answered, the unit treats the call as a missed call. The number of missed calls is shown on the handset display. This lets you know if you should view the caller list to see who called while you were out.

Viewing the caller list and calling back

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

3 [**↶**]

Note:

- KX-TG5622, KX-TG5623, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5652, and KX-TG5653 only:
Each handset has its own caller list. If you viewed the caller list or answered a call on one handset, the same information in the other handsets is displayed as "missed calls".
- You can also press [**Rcvd calls**] to enter the caller list.

Displayed symbols

- If the same caller calls more than once, it is displayed with the number of times the

caller called ("x2" to "x9"). Only the date and time of the most recent call is stored.

- A ✓ is displayed next to items which have already been viewed or answered.

Editing a caller's phone number before calling back

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

- 1 Press [**▼**] or [**▲**] to enter the caller list.
- 2 Select the desired item. → [**Select**]
- 3 Press [**Edit**] repeatedly until the phone number is shown in the desired format.
 - ① Local phone number
Example: 321-5555
 - ② Area code – Local phone number
Example: 555-321-5555
 - ③ 1 – Area code – Local phone number
Example: 1-555-321-5555

4 [**↶**]

Caller ID number auto edit feature

Once you call back an edited number, the unit can automatically edit other incoming phone numbers each time you receive a call.

For example, you can use this feature to set the unit to ignore the area code of callers in your area code, so that you can call these local numbers using caller information without dialing the area code.

Caller ID Service

To activate this feature, you must edit an item in the caller list, then call that number. After that, phone numbers from that caller's area code are edited automatically. This feature can be turned on or off (page 36). The default setting is "On".

Note:

- Phone numbers from the 4 most recently edited area codes are automatically edited.
- If you move to another area, you can turn this feature off to erase previously edited area codes. To use this feature again, turn it on and reprogram the area codes you want to edit once again.

Storing caller information into the phonebook

- 1 Press [▼] or [▲] to enter the caller list.
- 2 Select the desired item. → [Select]
 - To edit the number, press [Edit] repeatedly until the phone number is shown in the desired format.
- 3 [Save]
- 4 Enter the name if necessary. (step 3, "Adding items to the handset phonebook", page 29) → [Next] → [Save] → [OFF]

Erasing caller information

Erasing a selected item

- 1 Press [▼] or [▲] to enter the caller list.
- 2 Select the desired item.

3 [Erase] → [Yes] → [OFF]

Erasing all items

- 1 Press [▼] or [▲] to enter the caller list.
- 2 [All erase] → [Yes]

Programming

Programmable settings

You can customize the unit by programming the features in the following table.

1 [MENU]

2 Enter the desired feature code.

3 Enter the desired setting code.

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

4 [Save]

5 Press [OFF] to exit programming mode.

Note:

- The default settings are indicated by < >.
- "1 time setting" means that you do not need to program the same item using another unit.

Telephone

Feature	Feature code	Setting code (Reference)	1 time setting
Auto talk ^{*1}	[0][3]	[1]: On [0]: <Off>	—
Caller ID edit (Caller ID number auto edit)	[0][4]	[1]: <On> [0]: Off (page 34)	—
Change language (Display language)	[0][8]	[1]: <English> [2]: Español (page 24)	—
Copy phonebook (1 item)	[#][1]	(page 31)	—
Copy phonebook (all items)	[#][2]	(page 31)	—
Customer support	—	(page 38)	—
Date and time ^{*2}	[4]	(page 25)	●
Key tone	[0][2]	[1]: <On> [0]: Off	—
LCD contrast (Display contrast)	[0][1]	[1]–[6]: Level 1–6 <3>	—
Registration (Handset registration)	[0][0]	(page 52)	—

Programming

Feature	Feature code	Setting code (Reference)	1 time setting
Ring color	[1][4]	[1]: <Color1>=Amber [2]: Color2=Yellow-green [3]: Color3=Red [4]: Multicolor	—
Ringer tone (Base unit) ^{*3}	[0][*][1]	[1]–[3]: Tone pattern <1>–3	●
Ringer tone (Handset) ^{*4}	[1][2]	[1]–[3]: Tone pattern <1>–3 [4]–[7]: Melody pattern 1–4	—
Ringer volume (Handset)	[1][1]	[1]: Low [2]: Medium [3]: <High> [0]: Off	—
Set dial mode	[0][5][1]	[1]: Pulse [2]: <Tone> (page 24)	●
Set flash time ^{*5}	[0][5][2]	[1]: <700ms> [2]: 600ms [3]: 400ms [4]: 300ms [5]: 250ms [6]: 110ms [7]: 100ms [8]: 90ms	●
Set line mode ^{*6}	[0][5][3]	[1]: A [2]: 	●
Time adjustment ^{*7} (Caller ID subscribers only)	[0][9]	[1]: <Caller ID[auto]> [0]: Manual	●
Voice enhancer	[5]	[1]: On [0]: <Off>	—

*1 If you subscribe to Caller ID service and want to view the caller's information after lifting up the handset to answer a call, turn off this feature.

*2 KX-TG5631, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5651, KX-TG5652, and KX-TG5653 only

*3 ~~KX-TG5621, KX-TG5622, and KX-TG5623 only~~

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

*5 The flash time depends on your telephone exchange or host PBX. Consult your PBX supplier if necessary. The setting should stay at "700ms" unless pressing **[FLASH]** fails to pick up the call waiting call.

*6 Generally, the line mode setting should not be adjusted. If "Line in use" is not displayed when another phone connected to the same line is in use, you need to change the line mode to "A".

Programming

*7 KX-TG5631, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5651, KX-TG5652, and KX-TG5653 only
This feature allows the unit to automatically adjust the date and time setting when caller information is received. To use this feature, set the date and time first.

Talking Caller ID

Available model:
KX-TG5651, KX-TG5652, KX-TG5653

Feature	Feature code	Setting code (Reference)	1 time setting
Talking CallerID (Handset)	[9]	[1]: <On> [0]: Off (page 32)	●
Talking CallerID (Base unit)	[0][*][4]	[1]: <On> [0]: Off (page 32)	●

Programming following the display guidance
You can also program each feature through the display guidance.

- 1 [MENU]
- 2 Press [▼] or [▲] to select the desired menu. → [Select]
 - If there are sub-menu(s), select the desired menu item. → [Select]
- 3 Press [▼] or [▲] to select the desired setting.
 - Refer to the programming table (page 36).
- 4 [Save]
- 5 Press [OFF] to exit programming mode.

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

- 1 [MENU]
- 2 "Customer support" → [Select]
 - The Internet address is displayed.
- 3 [OFF]

Programming

Base unit ringer volume

Available model:

KX-TG5631, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5651, KX-TG5652, KX-TG5653

Press **[V]** or **[Λ]** repeatedly to select the desired volume.

- To turn the ringer off, press and hold **[V]** until the unit beeps 2 times.

Answering System

Answering system feature

Available model:

KX-TG5631, KX-TG5632, KX-TG5633,
KX-TG5634, KX-TG5651, KX-TG5652,
KX-TG5653

Important:

- Only 1 person can access the answering system (listen to messages, record a greeting message, etc.) at a time.
- When callers leave messages, the unit records the day and time of each message. Make sure the date and time have been set (page 24).

Memory capacity

The total recording capacity (including your greeting message and caller messages) is:

- 15 minutes for KX-TG5631, KX-TG5632, KX-TG5633, and KX-TG5634
- 21 minutes for KX-TG5651, KX-TG5652, and KX-TG5653

A maximum of 64 messages (including a greeting message) can be recorded.

- If the message memory becomes full, the ANSWER ON indicator flashes rapidly (if the answering system is turned on).
To record additional messages, erase unnecessary messages (page 42).
- If less than 3 minutes of recording time is available, the unit announces the remaining recording time when operating the answering system.

- Messages are retained even if a power failure occurs.

Answering System

Setting up the answering system

Turning the answering system on

Press **[ANSWER ON]**.

- The ANSWER ON indicator lights.

Turning the answering system off

Press **[ANSWER ON]**.

- The ANSWER ON indicator turns off.

Screening your calls

While a caller is leaving a message, you can listen to the call through the base unit's speaker. To adjust the speaker volume, press **[^]** or **[v]**.

Note:

- To answer the call, press **[hook]** on the handset.

To turn off the call screening feature

When the base unit is not in use, press **[GREETING CHECK]**, then press **[v]** repeatedly until "0" is displayed.

OR

While screening, press **[v]** repeatedly until "0" is displayed.

Note:

- If you adjust the speaker volume while listening to messages or talking on the intercom, the speaker volume for call screening is turned on again.

Recording your greeting message

You can record your own greeting message (max. 2 minutes) that is played when the answering system answers a call. If you do not record a greeting message, a prerecorded greeting message is used.

1 **[GREETING REC]**

2 Within 10 seconds, press **[GREETING REC]** again.

3 After the unit beeps, speak clearly about 20 cm (8 inches) away from the MIC.

4 To stop recording, press **[STOP]**.

Playing back the greeting message

Press **[GREETING CHECK]**.

Erasing your greeting message

Press **[GREETING CHECK]**, and then press **[ERASE]** while your greeting message is playing.

Prerecorded greeting message

If you erase or do not record your own greeting message, the unit can play a prerecorded greeting message for callers and ask them to leave messages. If the message recording time (page 46) is set to **"Greeting only"**, caller messages are not recorded and the unit plays a different prerecorded greeting message asking callers to call again.

Answering System

Listening to messages using the base unit

When new messages have been recorded, the MESSAGE indicator on the base unit flashes.

Press **[MESSAGE]**.

- The unit plays new messages.
- When you have no new messages, the unit plays back all messages.

Adjusting the speaker volume

Press **[^]** or **[v]** repeatedly while listening to a message.

Useful features during playback

Repeating a message

Press **[|<<]**.

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

Skipping a message

Press **[>>|]**.

Pausing a message

Press **[STOP]**.

- To resume playback, press **[MESSAGE]**.
- To stop playback completely, press **[STOP]** again.

Erasing messages

Erasing a message

Press **[ERASE]** during playback.

Erasing all messages

Press **[ERASE]** 2 times while the base unit is not being used.

Answering System

Listening to messages using the handset

When new messages have been recorded:

- “**New message**” is displayed.
- The message indicator on the handset flashes slowly if the message alert feature is turned on (page 46).

1 [MENU] → [2]

- The unit plays new messages.
- When you have no new messages, the unit plays back all messages.

2 Press [OFF] when finished.

Note:

- To switch to the receiver, press [↶].

Voice guidance

If you do not press any buttons after the last message is played back, the unit's voice guidance starts. Operate the answering system by following the guidance as necessary.

Adjusting the receiver/speaker volume

Press [▼] or [▲] repeatedly while listening to a message.

Useful features during playback

Calling back (Caller ID subscribers only)

If Caller ID information was received for the call, you can call the caller back while listening to the message.

Press [Select], then press [Call] during playback.

Note:

- To edit the number before calling back, press [Select], then press [Edit] to select the desired format (page 34).

Answering system commands

You can also operate the answering system by pressing dial keys of the handset during playback.

To use the answering system commands:

Key	Command
[1] or [◀]	Repeat message (during playback) ^{*1}
[2] or [▶]	Skip message (during playback)
[4]	Play new messages
[5]	Play all messages
[8]	Turn answering system on
[9]	Stop playback ^{*2}
[0]	Turn answering system off
[*][4] or [Erase]	Erase this message (during playback)
[*][5]	Erase all messages

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

^{*2} To resume operation, press a command key within 15 seconds, or the voice guidance will start.

Answering System

Remote operation

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

Important:

- In order to operate the answering system remotely, you must first set a remote code (page 45). This code must be entered each time you operate the answering system remotely.

Using the answering system remotely

- 1 Dial your phone number from a touch tone phone.
- 2 After the greeting message starts, enter your remote code.
 - The unit plays back new messages.
- 3 After 3 seconds, the voice guidance starts. Follow the voice guidance as necessary.
- 4 When finished, hang up.

Note:

- You can ignore the voice guidance and control the unit using remote commands (page 44).

Voice guidance

During remote operation, the unit's voice guidance prompts you to press **[1]** to perform a specific operation, or press **[2]**

to listen to more available operations.

Operations are presented by voice guidance in the following order:

- Play back all messages
- Play back new messages
- Record a message
- Erase all messages

Note:

- If you do not press any dial keys within 10 seconds after a voice guidance prompt, the unit disconnects your call.
- If less than 3 minutes of recording time is available, the unit announces the remaining recording time after the last message is played back.

Remote commands

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

Key	Remote command
[1]	Repeat message (during playback) ^{*1}
[2]	Skip message (during playback)
[4]	Play new messages
[5]	Play all messages
[9]	Stop playback ^{*2}
[0]	Turn answering system off
[*][4]	Erase this message (during playback)
[*][5]	Erase all messages

Answering System

- *1 If pressed within the first 5 seconds of a message, the previous message is played.
- *2 To resume operation, enter a remote command within 15 seconds, or the voice guidance will start.

Turning on the answering system remotely

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

- 1 Dial your phone number from a touch tone phone.
- 2 Let the phone ring 15 times.
 - The unit answers your call with the greeting message.
 - You can hang up, or if you call from a touch tone phone, you can enter your remote code and begin remote operation (page 44).

Skipping the greeting message to leave a message

You can leave a message just as any outside caller can. Call your phone number, then press **[*]** to skip the greeting message and record your message after the beep.

Answering system settings

Remote code

A remote 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 "11".

- 1 **[MENU] → [0][6][3]**
- 2 Enter the desired 2-digit remote code.
→ **[Save] → [OFF]**

Ring count

You can change the number of times the phone rings before the unit answers calls. The default setting is "4". **"Toll saver"**: The unit answers on the 2nd ring when new messages have been recorded, and on the 4th ring when there are no new messages. If you call your phone from outside to listen to new messages (page 44), you will know that there are no new messages when the phone rings for the 3rd time. You can then hang up without being charged for the call.

- 1 **[MENU] → [0][6][1]**
- 2 Select the desired setting. → **[Save] → [OFF]**

For Voice Mail service subscribers

If you subscribe to a flat-rate bundle service that includes Caller ID, Call Waiting, Voice Mail, and unlimited local/regional/long distance calls, please note the following:

Answering System

- To use the Voice Mail service provided by your telephone company rather than the unit's answering system, turn off the answering system (page 41). This unit does not have an indicator to indicate if there are new messages in your mailbox service.
- To use this unit's answering system rather than the Voice Mail service provided by your telephone company, please contact your telephone company to deactivate your Voice Mail service. If your telephone company cannot do this:
 - Set this unit's **"Ring count"** setting so that this unit's answering system answers calls before your telephone company's Voice Mail service tries to answer your calls. It is necessary to check the ring count required to activate the Voice Mail service provided by your telephone company before changing this setting.
 - Change the ring count of the Voice Mail service so that the answering system can answer the call first. To do so, consult your telephone company.

Caller's recording time

You can change the maximum message recording time allotted to each caller. The default setting is **"3min"**. **"Greeting only"**: The unit plays the greeting message but does not record caller messages.

1 [MENU] → [0][6][2]

2 Select the desired setting. → **[Save]**
→ **[OFF]**

Note:

- If the message memory becomes full, the unit automatically switches to the **"Greeting only"** mode. New messages will not be recorded.

Message alert

You can select whether or not the message indicator on the handset flashes when new messages are recorded (page 43). The default setting is **"off"**.

1 [MENU] → [0][#]

2 Select the desired setting. → **[Save]**
→ **[OFF]**

Note:

- The message indicator does not flash for new messages while the handset is in use.
- While message alert is on, battery operating time will be shortened (page 17).

Voice Mail Service

Using Voice Mail service

Available model:

KX-TG5621, KX-TG5622, KX-TG5623

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

Important:

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

Storing the Voice Mail (VM) access number

In order to listen to your Voice Mail messages, you must dial your telephone company's Voice Mail access number. Once you have stored your Voice Mail access number, you can dial it automatically (page 48).

1 [MENU] → [0][7][1]

2 Enter your access number (max. 32 digits).

3 [Save] → [OFF]

Note:

- When storing your Voice Mail access number and your mailbox password, press **[PAUSE]** to add pauses (page

26) between the access number and the password as necessary. Consult your telephone company for the required pause time.

Example:

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

To erase the Voice Mail access number

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

Voice Mail (VM) tone detection

Your telephone company sends special signals (sometimes called "Voice Mail tones" or "stutter tones") to the unit to let you know you have new Voice Mail messages. If you hear a series of dial tones followed by a continuous dial tone after you press **[↶]** or **[↷]**, you have new Voice Mail messages. Minutes after you hang up a call or after the phone stops ringing, your unit will check the phone line to see if new Voice Mail messages have been recorded.

Turn this feature off when:

- You do not subscribe to Voice Mail service.
- Your telephone company does not send Voice Mail tones.
- Your phone is connected to a PBX.

If you are not sure which setting is required, consult your telephone company.

Turning VM detection on/off

The default setting is "On".

Voice Mail Service

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

Listening to Voice Mail messages

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

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

- 1 Press **[↶]** or **[↷]**, then press **[VM]** within 15 seconds.
 - If **[VM]** is not displayed, the Voice Mail access number has not been stored. Store the number (page 47).OR
[MENU] → “V.M. access” → [Select]
 - The speakerphone turns on.

- 2 Follow the prerecorded instructions.

- 3 Press **[OFF]** when finished.

Note:

- If “**Voice Mail**” still remains on the display even after you have listened to new messages, turn it off by pressing and holding **[OFF]** until the handset beeps.
- If your Voice Mail service uses Voice Mail tones and the message is over 3 minutes long, the handset may not indicate new messages.

- If your Voice Mail service uses Voice Mail tones, the tones are heard from any phone connected to the same line. If you want to use another phone to listen to Voice Mail messages, you have to dial your access number manually.

Message alert

You can select whether or not the message indicator on the handset flashes when new messages have been recorded. The default setting is “**off**”.

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

Note:

- The message indicator does not flash for new messages while the handset is in use.
- While message alert is on, battery operating time is shortened (page 17).

Multi-unit Operation

Handset locator

Available model:

KX-TG5621, KX-TG5622, KX-TG5623

1 Base unit:

If you have only 1 handset:
[HANDSET LOCATOR]

If you have 2 or more handsets:
[1], [2], or [3]

- The handset beeps for 1 minute.

2 Base unit:

To stop paging, press the same button again.

Handset:

To stop paging, press [OFF].

Intercom

Available model:

Model no.	Between base unit and handset	Between 2 handsets
KX-TG5622 KX-TG5623	—	●
KX-TG5631 KX-TG5651	●	—
KX-TG5632 KX-TG5633 KX-TG5634 KX-TG5652 KX-TG5653	●	●

Note:

- If you receive a phone call while talking on the intercom, you hear 2 tones. To answer the call, press [OFF], then press [1].

Making an intercom call

Handset

1 [INTERCOM]

- ~~If you have 2 or more handsets, go to step 2.~~

2 To page the base unit, press [0].

To page another handset, enter its extension number ([1]-[4]).

- The destination unit beeps for 1 minute.

3 To end the intercom call, press [OFF].

Multi-unit Operation

Base unit

- 1** If you have only 1 handset:
[LOCATOR/INTERCOM]
If you have 2 or more handsets:
Press [SELECT] repeatedly to display
the desired handset number. →
[CALL]
- 2** To end the intercom call, press:
[LOCATOR/INTERCOM] or [CALL]

Answering an intercom call

Handset

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

Base unit

- 1** [LOCATOR/INTERCOM] or [CALL]
- 2** To end the intercom call, press:
[LOCATOR/INTERCOM] or [CALL]

Note:

- When the ringer volume is set to off, the handset or the base unit will ring at the low level for intercom calls.

Transferring a call

Available model:

KX-TG5622, KX-TG5623, KX-TG5632,
KX-TG5633, KX-TG5634, KX-TG5652,
KX-TG5653

Outside calls can be transferred between 2 handsets.

Transferring calls

Handset

- 1** During an outside call, press
[INTERCOM].
- 2** To page another handset, enter its
extension number ([1] to [4]).
- 3** Wait for the paged party to answer.
 - If the paged party does not answer,
press [↶] to return to the outside
call.
- 4** To complete the transfer, press [OFF].

Answering transferred calls

Handset

Press [↶] to answer the page.

- After the paging party hangs up the call,
you can talk to the outside caller.

Multi-unit Operation

Conference calls

Available model:

KX-TG5622, KX-TG5623, KX-TG5632,
KX-TG5633, KX-TG5634, KX-TG5652,
KX-TG5653

A conference call allows the handset and other handsets to speak together with an outside party.

Handset

- 1** During an outside call, press **[INTERCOM]**.
- 2** To page another handset, enter its extension number (**[1]** to **[4]**).
- 3** When the paged party answers, press **[Conf]** to make a conference call.
 - To leave the conference, press **[OFF]**. The other 2 parties can continue the conversation.

Note:

- The outside call can be put on hold by pressing **[HOLD]**. Only the person who placed the call on hold can resume the full conference by pressing **[Conf]** on the handset.

Call share

Available model:

KX-TG5622, KX-TG5623, KX-TG5632,
KX-TG5633, KX-TG5634, KX-TG5652,
KX-TG5653

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

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

Note:

- A maximum of 4 parties (including 1 outside party) can join a conversation using 3 handsets.

Multi-unit Operation

Registering a unit

Registering the handset

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

Important:

- KX-TG5622, KX-TG5623, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5652, and KX-TG5653 only:

Confirm the extension number of the handset by placing the handset on the base unit or charger.

If you accidentally assign another handset's extension number to it, the other extension will stop functioning.

1 Handset:
[MENU] → [0][0]

2 Base unit:

KX-TG5621:

Press and hold [HANDSET LOCATOR] until the CHARGE indicator flashes.

KX-TG5622 and KX-TG5623:

Press and hold [1], [2], or [3] until the CHARGE indicator flashes.

KX-TG5631 and KX-TG5651:

Press and hold [LOCATOR/INTERCOM] until the CHARGE indicator flashes.

KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5652 and KX-TG5653:

Press [SELECT] until the desired extension number (H 1, H 2, H 3, or H 4) is displayed on the base unit, then

press and hold [CALL] until the CHARGE indicator flashes.

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

3 Handset:

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

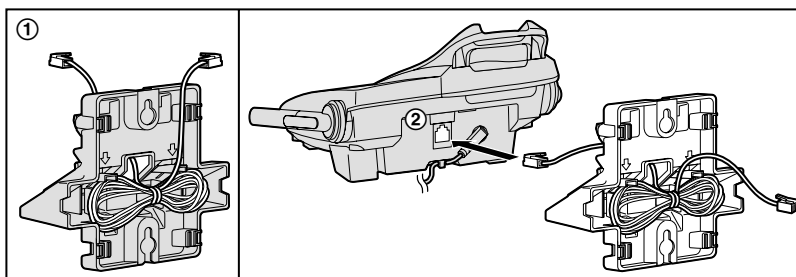
Useful Information

Wall mounting

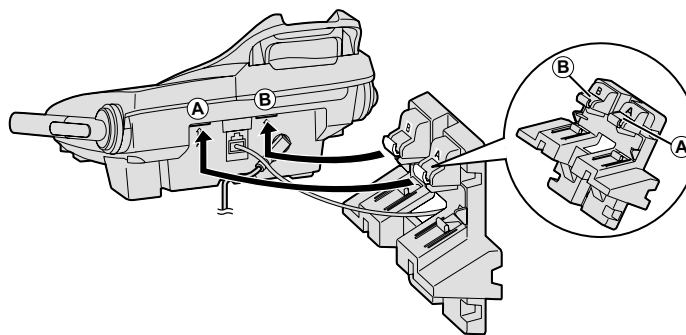
Base unit

The base unit can be mounted on a wall phone plate.

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

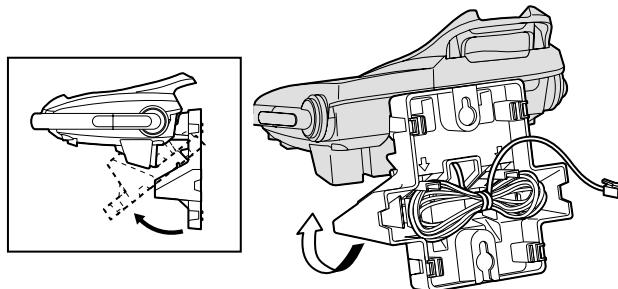


- 2 Insert the hooks on the wall mounting adaptor into the holes (A) and (B) on the base unit.

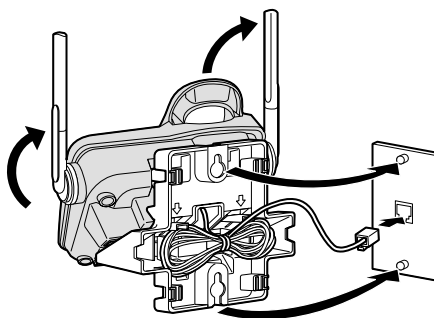


Useful Information

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



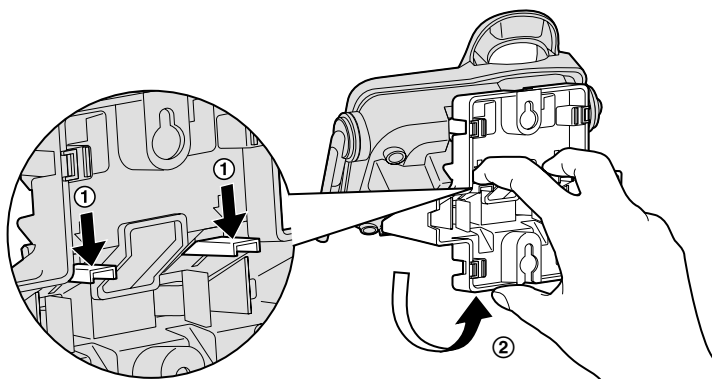
- 4** Connect the telephone line cord. Mount the unit, then slide it down.
• Raise the antennas.



Useful Information

To remove the wall mounting adaptor

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



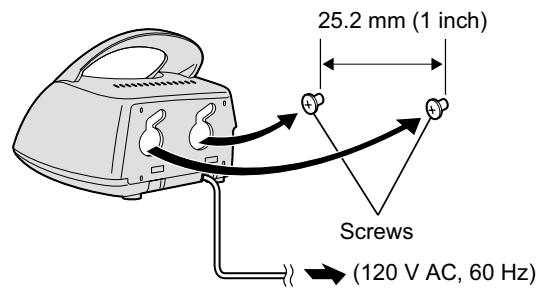
Useful Information

Charger

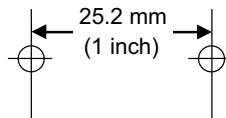
Available model:

KX-TG5622, KX-TG5623, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5652, KX-TG5653

Drive the screws (not included) into the wall using the wall template as a guide, then mount the charger securely on the screws.

**Note:**

- Make sure the screws are securely fastened to the wall.

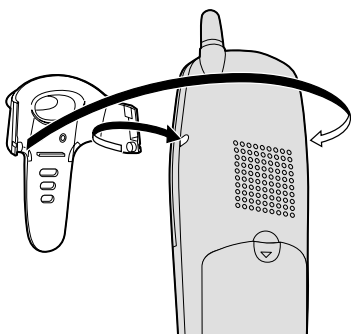


Useful Information

Belt clip (optional)

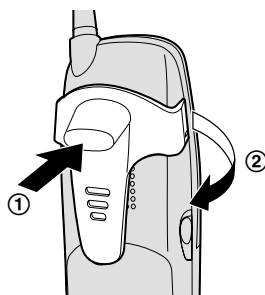
You can hang the handset on your belt or pocket using the included belt clip.

Attaching the belt clip



Removing the belt clip

While pressing the top of the clip (①), pull the right edge in the direction of the arrow (②).



Headset (optional)

Connecting a headset to the handset allows hands-free phone conversations. Please use only a Panasonic headset (page 10).



- Headset shown is KX-TCA86.

Useful Information

Error messages

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

Display message	Cause & solution
Busy	• The called handset or base unit is in use. • The handset you tried to copy phonebook items to is in use. • The handset you are calling is too far from the base unit.
Error!!	• Handset registration is failed. Move the handset and the base unit away from the electrical appliances and try again. • Another handset user tried to send phonebook items to you but there was an error. Have the other handset user re-send the items to you (page 31).
---Incomplete--- Phonebook full	• The destination unit's phonebook memory is full. Erase unnecessary items from another unit's phonebook (page 30).
No items stored	• Your phonebook or redial list is empty.
No link to base. Move closer to base, try again.	• The handset has lost communication with the base unit. Move closer to the base unit, and try again. • Confirm that the base unit's AC adaptor is plugged in. • Raise the base unit antennas. • The handset's registration may have been canceled. Re-register the handset (page 52).
Phonebook full	• There is no space to store new items in the phonebook. Erase unnecessary items (page 30).
Please lift up and try again.	• A handset button was pressed while the handset was on the base unit or charger. Lift the handset and press the button again.
System is busy. Please try again later.	• Other units are in use and the system is busy. Try again later. • Another user is listening to messages. Try again later.
Store VM access#	• You have not stored the Voice Mail access number. Store the number (page 47).

Useful Information

Troubleshooting

General use

Problem	Cause & solution
The unit does not work.	• Make sure that the battery is installed correctly and fully charged it (page 16). • Check the connections (page 14). • Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again. • The handset has not been registered to the base unit. Register the handset (page 52).
I cannot hear a dial tone.	• Confirm that the telephone line cord is connected (page 15). • Disconnect the unit from the telephone line and connect a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your telephone company.

Programmable settings

Problem	Cause & solution
I cannot program items.	• While another user is listening to messages or the answering system is answering a call, you cannot program. Try again later.
While programming, the handset starts to ring.	• A call is being received. Answer the call and start again after hanging up.

Useful Information

Making/answering calls, intercom

Problem	Cause & solution
Static is heard, sound cuts in and out. Interference from other electrical units.	• Move the handset and the base unit away from other electrical appliances. • Move closer to the base unit. • Raise the base unit antennas. • Turn on the clarity booster feature (page 28). • If your unit is connected to a telephone line with DSL service, we recommend connecting a noise filter between the base unit and the telephone line jack. Contact your DSL provider for details.
The handset does not ring.	• The ringer volume is turned off. Adjust it (page 37).
The base unit does not ring.*1	• The ringer volume is turned off. Adjust it (page 39).
I cannot make a call.	• The dialing mode may be set incorrectly. Change the setting (page 24). • The base unit (including answering system) or another handset is in use. Try again later.
I cannot redial by pressing [REDIAL] .	• If the last number dialed was more than 48 digits long, the number will not be redialed correctly. Dial the number manually.
I cannot have a conversation using the headset.	• Make sure that an optional headset is connected properly (page 57). • If "SP-phone" is displayed on the handset, press [📞] to switch to the headset.
I cannot make long distance calls.	• Make sure that you have long distance service.
I cannot page the handset.	• The called handset is too far from the base unit. • The called handset is in use. Try again later.
I cannot page the base unit.*1	• The base unit is in use. Try again later.
I cannot turn the clarity booster feature on.	• The resources available for wireless communication (making or answering calls with another handset) are limited. • If 3 people are on a conference call with an outside party, this feature cannot be used by any of the units.

Useful Information

*1 KX-TG5631, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5651, KX-TG5652, and KX-TG5653 only

Phonebook

Problem	Cause & solution
Copying stopped with an item displayed.	The destination handset may have lost communication with the base unit, or the destination unit user may have pressed [↶] or [↷]. The displayed phonebook item was not copied to the unit. Press [OFF]. Confirm that the destination unit is not in use and try again.

Caller ID

Problem	Cause & solution
The handset does not display the caller's name and/or phone number.	- You have not subscribed to Caller ID service. Contact your telephone company to subscribe. - If your unit is connected to any additional telephone equipment such as a Caller ID box or cordless telephone jack, disconnect the unit from the equipment and plug the unit directly into the wall jack. - If your unit is connected to a telephone line with DSL service, we recommend connecting a noise filter between the base unit and the telephone line jack. Contact your DSL provider for details. - The name display service may not be available in some areas. Contact your telephone company for details. - Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again. - The caller requested not to send caller information (page 32). - If a call is being transferred to you, the caller information is not displayed.
The handset or base unit does not announce the displayed caller names.*1	- The handset or base unit's ringer volume is turned off. Adjust it (page 37). - The Talking Caller ID feature is turned off. Turn it on (page 38). - The ring count for the answering system is set to "2" or "Toll saver". Select a different setting (page 45).

Useful Information

Problem	Cause & solution
The caller list/incoming phone numbers are not edited automatically.	• The Caller ID number auto edit feature is turned off. Turn it on and try again (page 36). • You need to call back the edited number to activate Caller ID number auto edit.
I cannot dial the phone number edited in the caller list.	• The phone number you dialed might have an incorrect edited pattern (for example, the long distance "1" or the area code is missing). Edit the phone number with another pattern (page 34).
The 2nd caller's information is not displayed during an outside call.	• In order to use Caller ID, Call Waiting, or Call Waiting Caller ID (CWID), you must first contact your telephone company and subscribe to the desired service. After subscribing, you may need to contact your telephone company again to activate this specific service, even if you already subscribed to both Caller ID and Call Waiting with Caller ID services (CWID).

*1 KX-TG5651, KX-TG5652, and KX-TG5653 only

Answering system

Available model:
KX-TG5651, KX-TG5652, KX-TG5653

Problem	Cause & solution
I cannot listen to messages from a remote location.	• A touch tone phone is required for remote operation. • Enter the remote code correctly (page 44). • The answering system is off. Turn it on (page 45).
The unit does not record new messages.	• The recording time is set to "Greeting only". Select a different setting (page 46). • The message memory is full. Erase unnecessary messages (page 42). • If you subscribe to the Voice Mail service, messages are recorded by the telephone company not your telephone (page 47).
I cannot operate the answering system.	• Someone is operating the answering system. • If someone is talking on a conference call, you cannot operate the answering system. Try again later.

Useful Information

Problem	Cause & solution
The message indicator on the handset flashes.	• New messages have been recorded. Listen to the new messages (page 42).

Battery recharge

Problem	Cause & solution
I charged the battery fully, but  continues to flash, or  is displayed.	• The battery may need to be replaced with a new one (page 18).
The handset display is blank.	• Confirm that the battery is properly installed. • Fully charge the battery (page 17).

Useful Information

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).....0.2B

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:AAEQ##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 Servicenter 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

Useful Information

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.

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.

The software contained in this equipment to allow user access to the network must be upgraded to recognize newly established network area codes and exchange codes as they are placed into service.

Failure to upgrade the premises systems or peripheral equipment to recognize the new codes as they are established will restrict the customer and the customer's employees from gaining access to the network and to these codes.

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

Useful Information

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:

The product complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF exposure requirements the base unit must be installed and operated with its antenna located 20 cm (8 feet) or more between antenna and all person's body (excluding extremities of hands, wrist and feet). The handset may be carried and operated with only the optional specific belt-clip. Other non-tested belt-clips or similar body-worn accessories may not comply and must be avoided. The base unit and handset must not be colocated or operated in conjunction with any other antenna or transmitter.

Responsible party:

Panasonic Corporation of North America
One Panasonic Way,
Secaucus, New Jersey 07094
Phone number: 1-800-211-PANA (7262)

FCC Warning:

To ensure compliance with FCC emissions limits, use only the included USB cable with the ferrite core when connecting the unit to a computer.

Useful Information

Notice

- This cordless telephone is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Ce téléphone sans fil 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 teléfono inalámbrico fue elaborado para uso en los Estados Unidos de América. La venta o el empleo de este producto en ciertos países puede constituir violación de la legislación local.
- このコードレス電話機は、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。

Energy Star:

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



Useful Information

Specifications

General

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

Base unit

Dimensions	Approx. height 95 mm x width 174 mm x depth 143 mm (3 ³ / ₄ inches x 6 ²⁷ / ₃₂ inches x 5 ⁵ / ₈ inches)
Mass (Weight)	Approx. 320 g (0.71 lb.)
Power consumption	Standby: Approx. 2.3 W Maximum: Approx. 5.5 W
Power output	125 mW (max.)
Power supply	AC adaptor (120 V AC, 60 Hz)

Handset

Dimensions	Approx. height 173 mm x width 48 mm x depth 33 mm (6 ¹³ / ₁₆ inches x 1 ⁷ / ₈ inches x 1 ⁵ / ₁₆ inches)
Mass (Weight)	Approx. 170 g (0.37 lb.)
Power output	125 mW (max.)
Power supply	Ni-MH battery (3.6 V, 830 mAh)

Charger (KX-TG5622, KX-TG5623, KX-TG5632, KX-TG5633, KX-TG5634, KX-TG5652, and KX-TG5653 only)

Dimensions	Approx. height 71 mm x width 88 mm x depth 100 mm (2 ¹³ / ₁₆ inches x 3 ¹⁵ / ₃₂ inches x 3 ¹⁵ / ₁₆ inches)
Mass (Weight)	Approx. 110 g (0.24 lb.)
Power consumption	Standby: Approx. 0.8 W Maximum: Approx. 3.0 W
Power supply	AC adaptor (120 V AC, 60 Hz)

Note:

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

Useful Information

Warranty

**PANASONIC CONSUMER
ELECTRONICS COMPANY, DIVISION
OF PANASONIC CORPORATION OF
NORTH AMERICA**
One Panasonic Way,
Secaucus, New Jersey 07094

PANASONIC PUERTO RICO, INC.
San Gabriel Industrial Park,
Ave. 65 de Infantería, Km. 9.5,
Carolina, Puerto Rico 00985

Panasonic Telephone Products Limited Warranty

Limited Warranty Coverage

If your product does not work properly because of a defect in materials or workmanship, Panasonic Consumer Electronics Company or Panasonic Puerto Rico, Inc. (collectively 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 ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

Parts	Labor
One (1) Year	One (1) Year

During the "Labor" Limited Warranty period there will be no charge for labor. During the "Parts" Limited Warranty period, there will be no charge for parts. You must mail-in your product during the Limited Warranty period. This Limited Warranty excludes both parts and labor for batteries, antennas, and cosmetic parts (cabinet). This Limited Warranty only applies to products purchased and serviced in the United States or Puerto Rico. This Limited Warranty is extended only to the original purchaser and only covers products purchased as new.

Mail-In Service

For assistance in the continental U.S.A. in obtaining repairs please ship the product to:

Panasonic Services Company Customer Servicenter

4900 George McVay Drive Suite B Door #12 McAllen, TX 78503

For assistance in Puerto Rico call Panasonic Puerto Rico, Inc. (787)-750-4300 or fax (787)-768-2910.

For Limited Warranty service for headsets if a headset is included with this product please call Panasonic Call Center at 1-800-211-PANA (7262).

When shipping the unit carefully pack, include all accessories, and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone number where you can be reached.

Useful Information

IF REPAIR IS NEEDED DURING THE LIMITED 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 Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited 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 Servicer 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 LIMITED WARRANTY. (As examples, this excludes damages for lost time, lost calls or messages, cost of having someone remove or re-install an installed unit if applicable, travel to and from the servicer. The items listed are not exclusive, but are 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 Limited 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 Limited Warranty period, you may contact your dealer or Servicer. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.

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

Useful Information

Customer services

Customer Services Directory

Obtain Product Information and Operating Assistance; locate your nearest Dealer or Servicenter; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at:

<http://www.panasonic.com/consumersupport>

or, contact us via the web at:

<http://www.panasonic.com/contactinfo>

You may also contact us directly at: 1-800-211-PANA (7262),
Monday-Friday 9 am-9 pm; Saturday-Sunday 10 am-7 pm, EST.

TTY users (hearing or speech impaired users) can call 1-877-833-8855.

Accessory Purchases

Purchase Parts, Accessories and Instruction Books online for all Panasonic Products by visiting our Web Site at:

<http://www.pasc.panasonic.com>

or, send your request by E-mail to:

npcparts@us.panasonic.com

You may also contact us directly at:
1-800-332-5368 (Phone) 1-800-237-9080 (Fax Only)
(Monday - Friday 9 am to 8 pm, EST.)

Panasonic Services Company
20421 84th Avenue South, Kent, WA 98032
(We Accept Visa, MasterCard, Discover Card, American Express, and Personal Checks)

TTY users (hearing or speech impaired users) can call 1-866-605-1277.

Service in Puerto Rico

Panasonic Puerto Rico, Inc.
San Gabriel Industrial Park, Ave. 65 de Infantería, Km. 9.5,
Carolina, Puerto Rico 00985
Phone (787)750-4300, Fax (787)768-2910

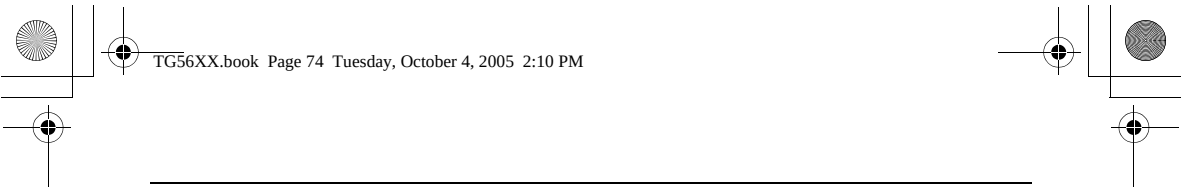
Index

Index

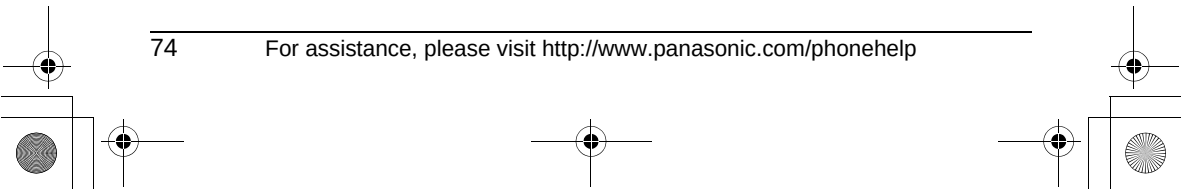
- A** Answering calls: 27
 - Answering system
 - Erasing messages: 42, 43, 44
 - Listening to messages: 42, 43, 44
 - Turning on/off: 41, 43, 44
 - Auto talk: 27
- B** Battery
 - Charge: 17
 - Installation: 16
 - Performance: 17
 - Replacement: 18
 - Strength: 17
 - Booster (Clarity booster): 28
- C** Call Waiting: 28
 - Call Waiting Caller ID: 32
 - Caller ID number auto edit: 34
 - Caller ID service: 32
 - Caller list
 - Calling back: 34
 - Editing: 34
 - Erasing: 35
 - Storing: 35
 - Viewing: 34
 - Customer support: 38
- D** Date and time: 24
 - Display
 - Language: 24
- E** Error messages: 58
- F** Flash: 28
- G** Greeting message: 41
- H** Hold: 27
- I** Installation
 - AC adaptor: 14
 - Charger unit: 14
 - Telephone line cord: 14
- Intercom
 - Call share: 51
 - Conference calls: 51
 - Transferring a call: 50
- L** Light-up ID: 33
- M** Making calls: 26
 - Memory capacity (message recording): 40
 - Message alert: 46, 48
 - Missed call: 34
 - MULTI TALK V: 8
 - Mute: 27
- P** Pause: 26
 - Phonebook
 - Handset: 29
 - Power failure: 14
 - Pulse service: 28
- R** Recording time: 46
 - Redial list: 26
 - Registration
 - Handset: 52
 - Remote code: 45
 - Remote operation: 44
 - Ring count: 45
 - Ringer ID: 33
 - Ringer off: 27
 - Base unit: 39
 - Ringer volume
 - Base unit: 39
 - Rotary service: 28
- S** Soft keys: 23
 - Specifications: 68
 - SP-phone: 26
- T** Talking Caller ID: 32
 - Toll saver: 45
 - Tone: 28
 - Troubleshooting: 59
 - TTY: 71
- U** USB cable: 8
- V** VE (voice enhancer): 28

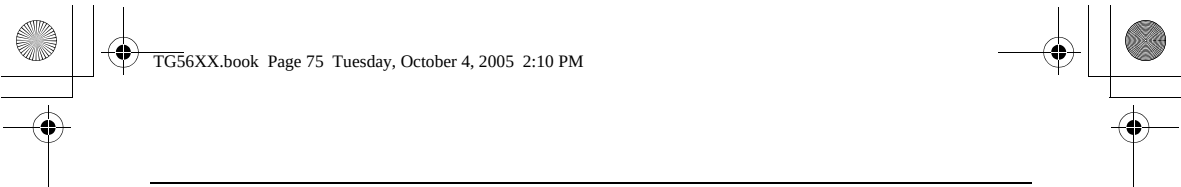
Index

VM (Voice Mail): 47
Voice guidance: 43, 44
Voice Mail access number: 47
Volume
 Receiver: 26
 Speaker: 26
W Wall mounting
 Base unit: 53
 Charger: 56
 Warranty: 69

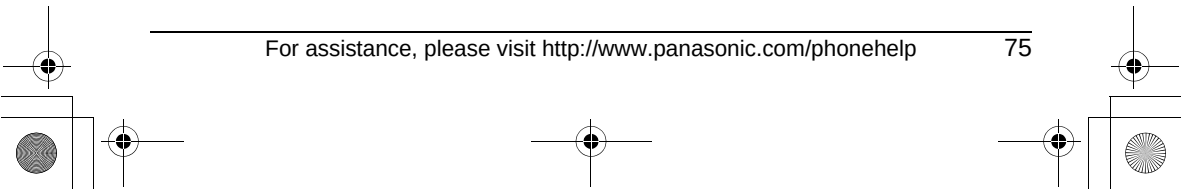


Notes





Notes



If you need assistance with setup or operation

- 1** Visit our website: <http://www.panasonic.com/phonehelp>
- 2** Contact us via the web at: <http://www.panasonic.com/contactinfo>
- 3** Call us at: 1-800-211-PANA (7262)
TTY users (hearing or speech impaired users) can call 1-877-833-8855.

When you ship the product

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom, to the outside of the carton.
- Send the unit to Panasonic Services Company Customer Servicer, prepaid and adequately insured.
- Do not send your unit to Panasonic Consumer Electronics Company listed below or to executive or regional sales offices. These locations do not repair consumer products.

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

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

Name and address of dealer _____

Attach your purchase receipt here.

**Panasonic Consumer Electronics Company,
Division of Panasonic Corporation of North America**
One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Puerto Rico, Inc.
San Gabriel Industrial Park, Ave. 65 de Infantería, Km. 9.5,
Carolina, Puerto Rico 00985

Copyright:

This material is copyrighted by Panasonic Communications Co., Ltd., and may be reproduced for internal use only. All other reproduction, in whole or in part, is prohibited without the written consent of Panasonic Communications Co., Ltd.

© 2005 Panasonic Communications Co., Ltd. All Rights Reserved.

PQQX15047ZA DM0905MK0