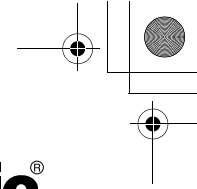
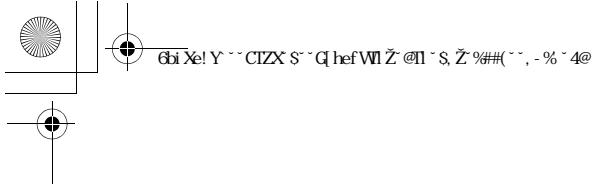


Temporary Confidential



Panasonic[®]

Operating Instructions

2.4 GHz Expandable Cordless Unit

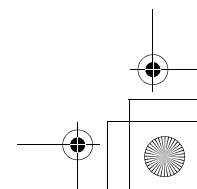
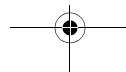
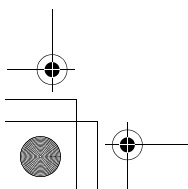
Model No. **KX-THA16**

2LINE



This unit is compatible with Caller ID. To use this feature, you must subscribe to the appropriate service offered by your service provider. Please read these Operating Instructions before using the unit and save for future reference.

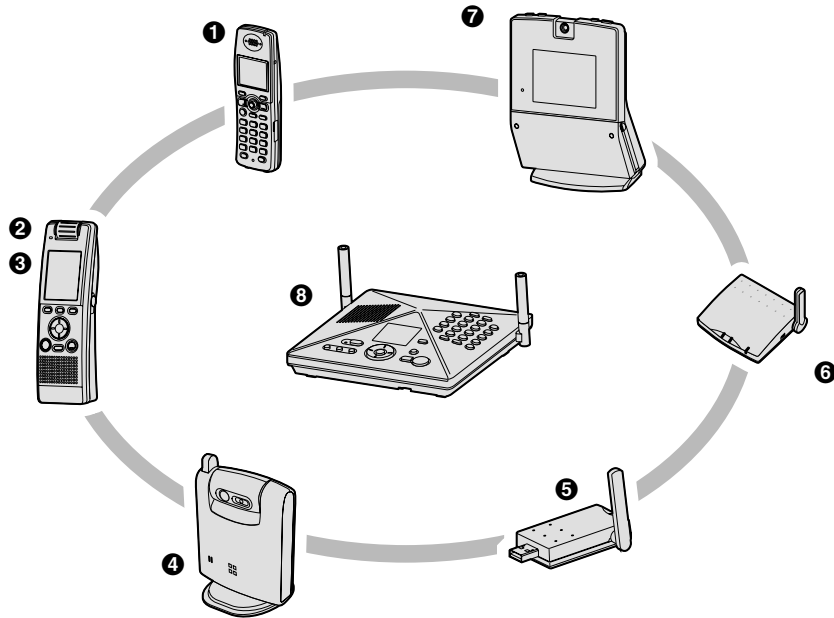
For assistance, visit our website: <http://www.panasonic.com> for customers in the U.S.A. or Puerto Rico.



Introduction

Expanding your phone

You can expand the system by adding handsets (monochrome display handsets and color display handset), wireless camera unit, USB wireless adaptor, and repeater, sold separately. Using these accessories, you can have a video call, monitor on a room where the color display handset or wireless camera is located and taking pictures.



Note:

- Up to 8 handsets (KX-THA11/KX-THA12/KX-THA16) and up to 10 other Bluetooth featured units (KX-THA13/KX-THA14 and a maximum of 5 cellular phones) can be registered to a single base unit.

Introduction

Available accessory handsets

3 accessory handset models are available. Operations and features of 3 different accessory handsets have certain differences as indicated in the table below.

Feature	KX-THA11	KX-THA12	KX-THA16	Page
Display type	Monochrome	Color	Color	–
Display size	1.6 inch	2 inch	3.6 inch	–
Control type	Joystick	Navigator key	Navigator key	
USB-support*1	●	●	●	*2
Picture ID	–	●	●	
Picture download feature	–	●	●	*2
Song record feature	●	●	●	
Song download feature	●	●	●	*2
Wallpaper	–	●	●	
Wallpaper download feature	–	●	●	*2
Memory status display	–	●	●	
Video call	–	●	●	
View monitor	–	●	●	
Camera	–	●	●	
Cellular feature	●	●	●	

*1 USB-support allows you to connect the handset to your PC and send pictures and songs from your PC to the handset, as well as create and edit phonebook entries using your PC.

*2 For information on using this feature, refer to the help section of the GIGARANGE USB Utility software. If you have not installed the GIGARANGE USB Utility software, refer to the included "Installation Guide for GIGARANGE USB Utility" for details.

Introduction

Important safety instructions

When using this unit, 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 this unit.
3. Unplug this unit from power outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example near a bathtub, wash bowl, kitchen sink, etc.
5. Place the unit securely on a stable surface. Serious damage and/or injury may result if the unit falls.
6. Do not cover slots and openings on the unit. They are provided for ventilation and protection against overheating. Never place the unit near radiators, or in a place where proper ventilation is not provided.
7. Use only the power source marked on the unit. 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 unit 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 this unit. This may result in the risk of fire or electric shock. Never spill any liquid on the unit.
11. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized service center when service is required. Opening or removing covers may expose you to dangerous voltages or other risks.

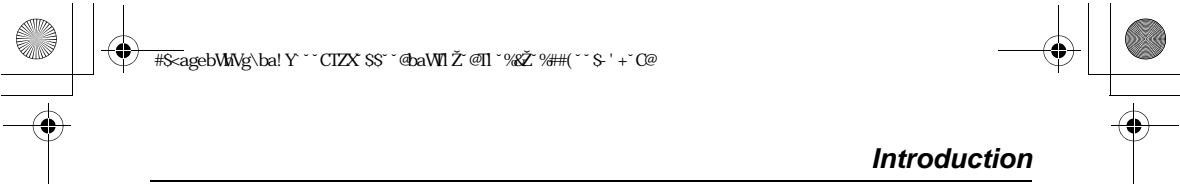
Incorrect reassembly can cause electric shock when the unit is subsequently used.

12. Unplug this unit 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 unit.
 - C. If the unit has been exposed to rain or water.
 - D. If the unit 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 unit has been dropped or physically damaged.
 - F. If the unit 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 this unit to report a gas leak, when in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

CAUTION:

- 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 unit and is easily accessible.



Battery

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

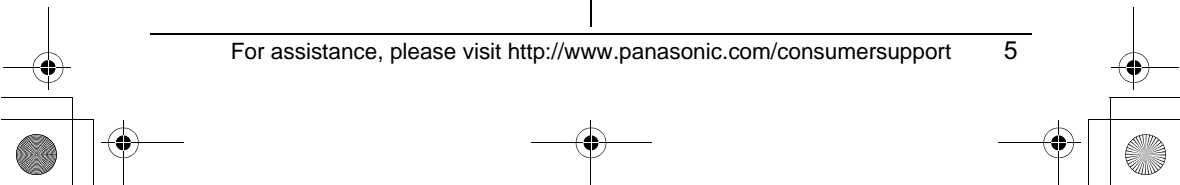
- Use only the battery(ies) specified.
- Do not dispose of the battery(ies) in a fire. They may explode. Check with local waste management codes for special disposal instructions.
- Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or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

WARNING:

- To prevent the risk of fire or electrical shock, do not expose this product to rain or any type of moisture.
- Unplug this unit 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 unit operates in the frequency range of 2.4 GHz to 2.48 GHz, and the power output level can range from 0.04 to 0.25 watts.) Do not use the unit 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 handset use radio waves to communicate with each other. For maximum distance and noise-free operation, we recommend the following:

- Placing the unit away from electrical appliances such as a TV, personal computer or another cordless phone.
- 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.

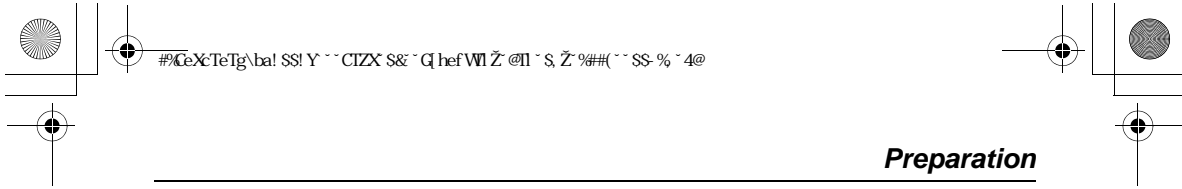
Environment

- Keep the unit away from electrical noise generating devices, such as fluorescent lamps and motors.
- The unit should be kept free from excessive smoke, dust, high temperature and vibration.
- The unit should not be exposed to direct sunlight.
- Do not place heavy objects on top of the unit.
- When you leave the unit unused for a long period of time, unplug this unit from power outlet.
- The unit 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 unit is used in the following places: Near obstacles such as hills, tunnels, undergrounds, near metal objects such as wire fences, etc.
- Operating near 2.4 GHz electrical appliances may cause interference. Move away from the electrical appliances.

Routine care

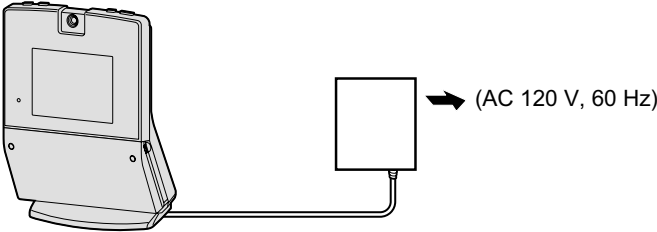
- Wipe the outer surface of the unit with a soft cloth. Do not use benzine, thinner or any abrasive powder.



Preparation

Connections

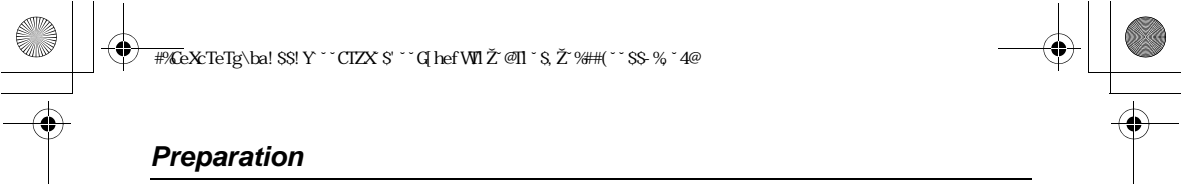
Connecting the AC adaptor



Note:

- Use only the included Panasonic AC adaptor PQLV203.
- 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.





Preparation

Battery installation

Insert the battery (①), and press it down until it snaps into the compartment (②). Close the cover.

Battery replacement

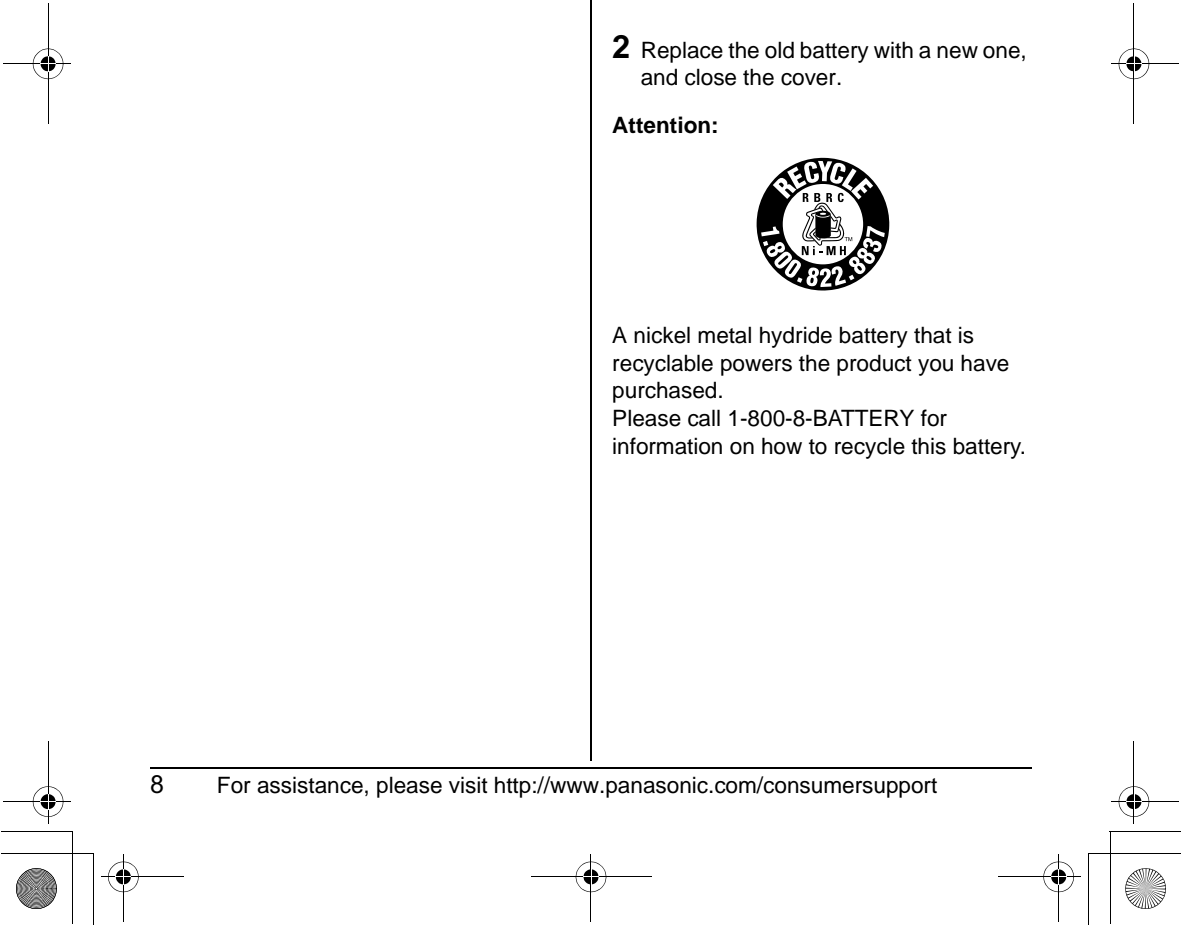
- Use only the rechargeable Panasonic battery.
- 1** Press the notch on the cover firmly and slide it as indicated by the arrow.

- 2** Replace the old battery with a new one, and close the cover.

Attention:



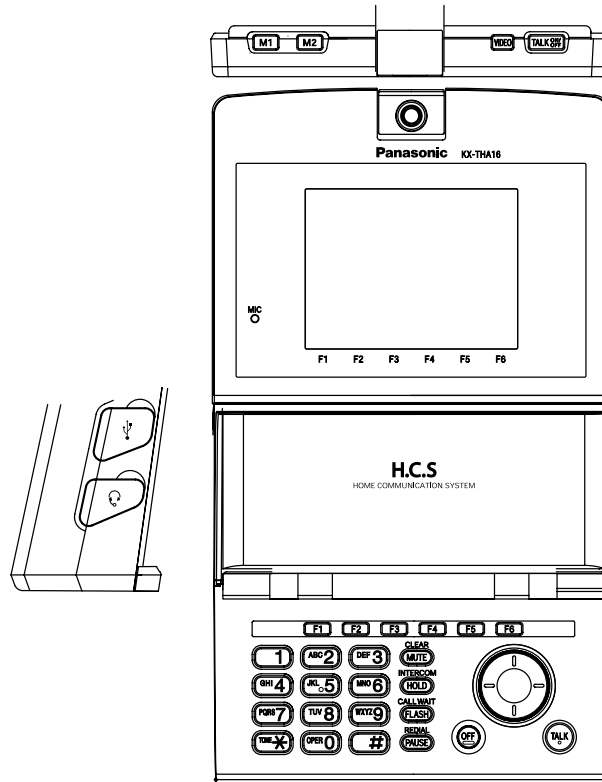
A nickel metal hydride battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY for information on how to recycle this battery.



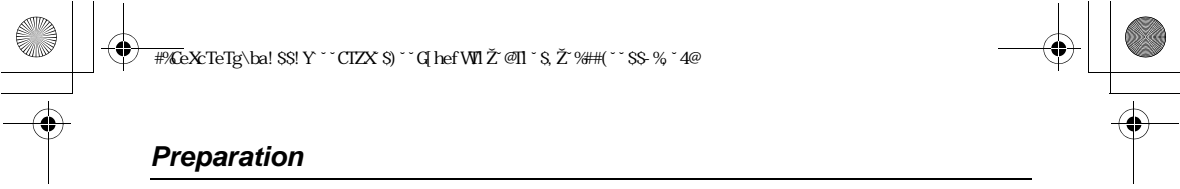
Preparation

Controls

Visual portable unit



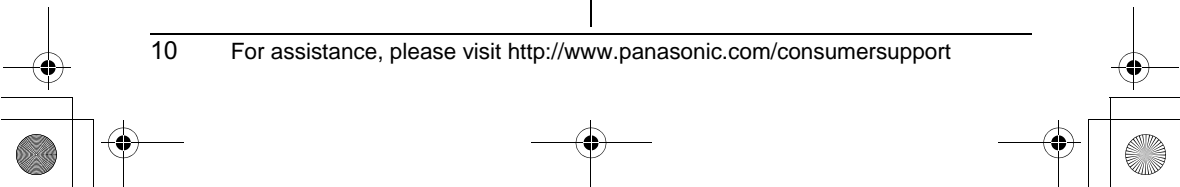
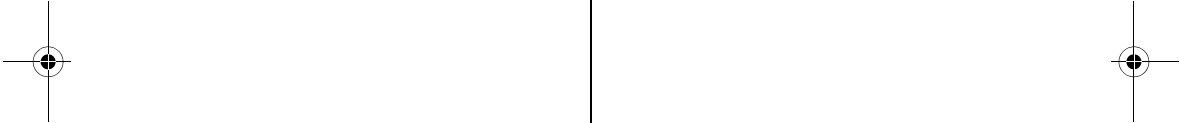
- ❶ Function keys
- ❷ Speaker
- ❸ Display
- ❹ [TALK]
- ❺ [TALK ON/OFF]
- ❻ [REDIAL] [PAUSE]
- ❼ [CALL WAIT] [FLASH]
- ❽ [*] (TONE)
- ❾ Camera
- ❿ [VIDEO]
- ⓫ [M1]
- ⓬ [M2]
- ⓭ [OFF]
- ⓮ Navigator key
- ⓯ [INTERCOM][HOLD]
- ⓰ [CLEAR][MUTE]
- ⓱ [CALL WAIT] [FLASH]
- ⓲ USB port
- ⓳ Headset jack/Audio jack

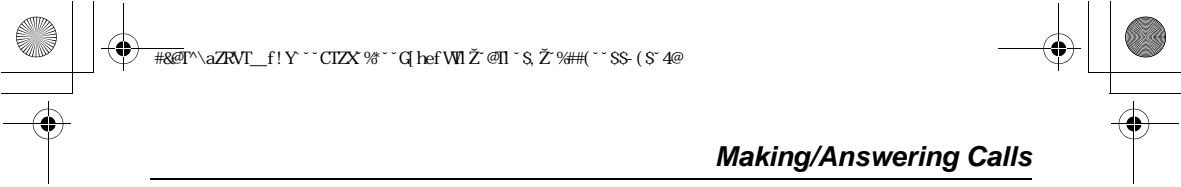


Preparation

Registering the unit

- 1 Base unit:**
Press and hold **[INTERCOM]** until it starts flashing.
 - After the **[INTERCOM]** starts flashing, the rest of the procedure must be completed within 1 minute.
- 2 KX-THA16:**
Enter the PIN. (Default: "0000")
- 3 KX-THA16:**
Press **[OK]**, then wait until the unit beeps.





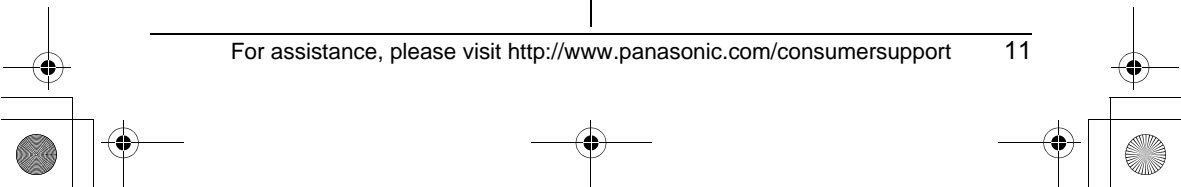
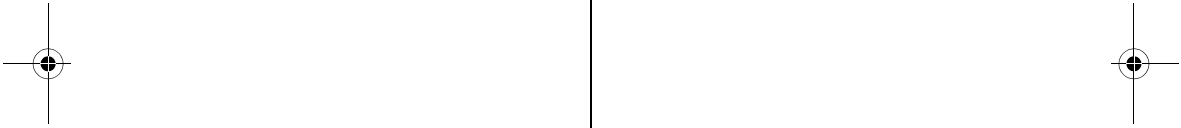
Making/Answering Calls

Making calls

- 1** Dial the phone number.
- 2** [TALK]
- 3** When finished talking, press [OFF].

Answering calls

- 1** [TALK]
- 2** Speak into the MIC.
- 3** When finished talking, press [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 will be displayed.

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

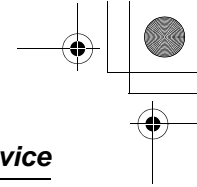
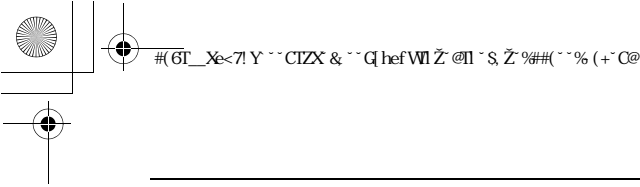
- While listening to a message recorded by the answering system, using the handset, you can call back the caller without having to dial the phone number.
- If the unit cannot receive caller information, the following will be displayed:
 - "**Out of area**": The caller dialed from an area which does not 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.

Talking Caller ID

This feature allows you to know who is calling without looking at the display. When a call comes in, the handset and base unit will announce 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 will not be displayed or announced correctly.
- Usually the unit will announce the caller's name after the 2nd ring. If you turn on the answering system, and set the ring count to "2", the unit will not announce the caller's name. If "**Toll saver**" is selected, and there is a new message, the unit will not announce the caller's name.



Caller ID Service

Caller list

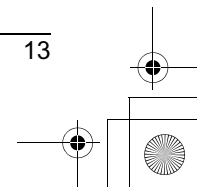
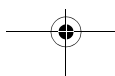
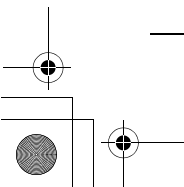
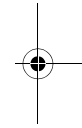
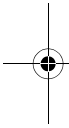
Caller information for the last 50 different callers will be logged in the caller list. You can use this list to return missed calls.

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** [MENU] (F6)
- 2** [#][2][1][3]
- 3** Press the navigator key down to search from the most recent call, or up to search from the oldest call.
- 4** [TALK]



S#4afj Xe\azRf1fgX!Y``CIZX)%`G|hefWlZ:@1`s,Z`%##(``&#*`C@

Answering System Features

Answering system

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.

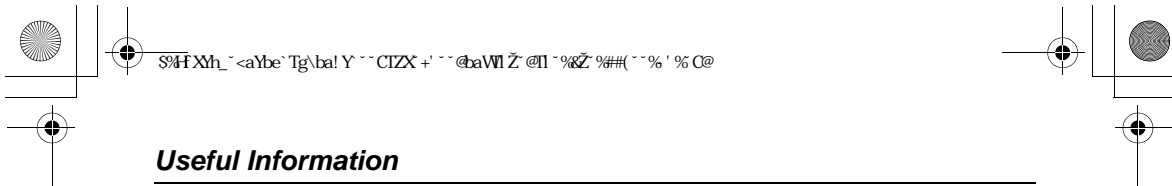
Listening to messages

When new messages have been recorded, "New message" is displayed.

1 [MENU] (F6)

2 [#][3][0][0]

- When you have no new messages, the unit will play back all messages.



Useful Information

FCC and other information

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

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

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

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Privacy of communications may not be ensured when using this phone.

CAUTION:

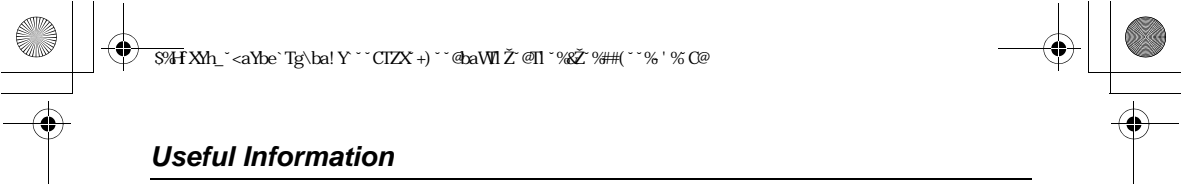
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

NOTE:

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

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

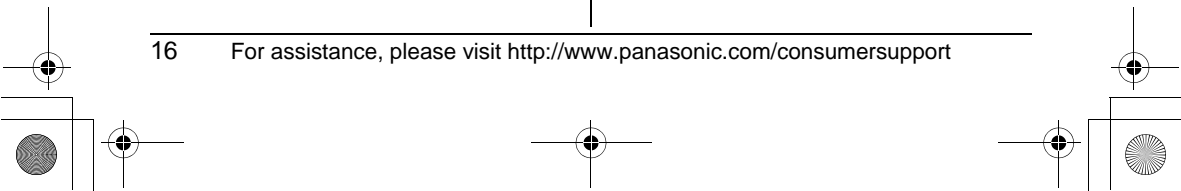
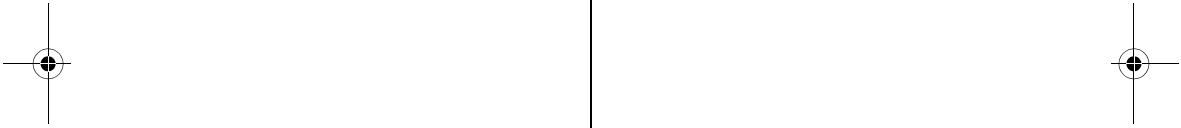
Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, move the cordless telephone further away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

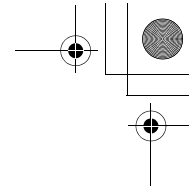
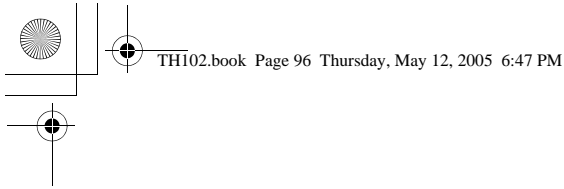


Useful Information

FCC RF Exposure Warning:
This product complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF exposure requirements the unit must be installed and operated 20 cm or more away from all person's body (excluding extremities of hands, wrist and feet). The unit must not be co-located or operated in conjunction with any antenna or transmitter.

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





If you need assistance with setup or operation;

- 1** Visit our website: <http://www.panasonic.com/consumersupport>
- 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 Servicenter, 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.

- 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。

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Carolina, Puerto Rico 00985

